

LA SALLE
COLLEGE

—

BULLETIN

—

EVENING DIVISION

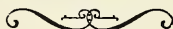
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1954-55

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La Salle College

EVENING DIVISION BULLETIN

Programs in
BUSINESS ADMINISTRATION
and
SCIENCE



1954-1955

La Salle College

Philadelphia 41, Pennsylvania

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La Salle College

EVENING DIVISION BULLETIN

Programs in
BUSINESS ADMINISTRATION
and
SCIENCE

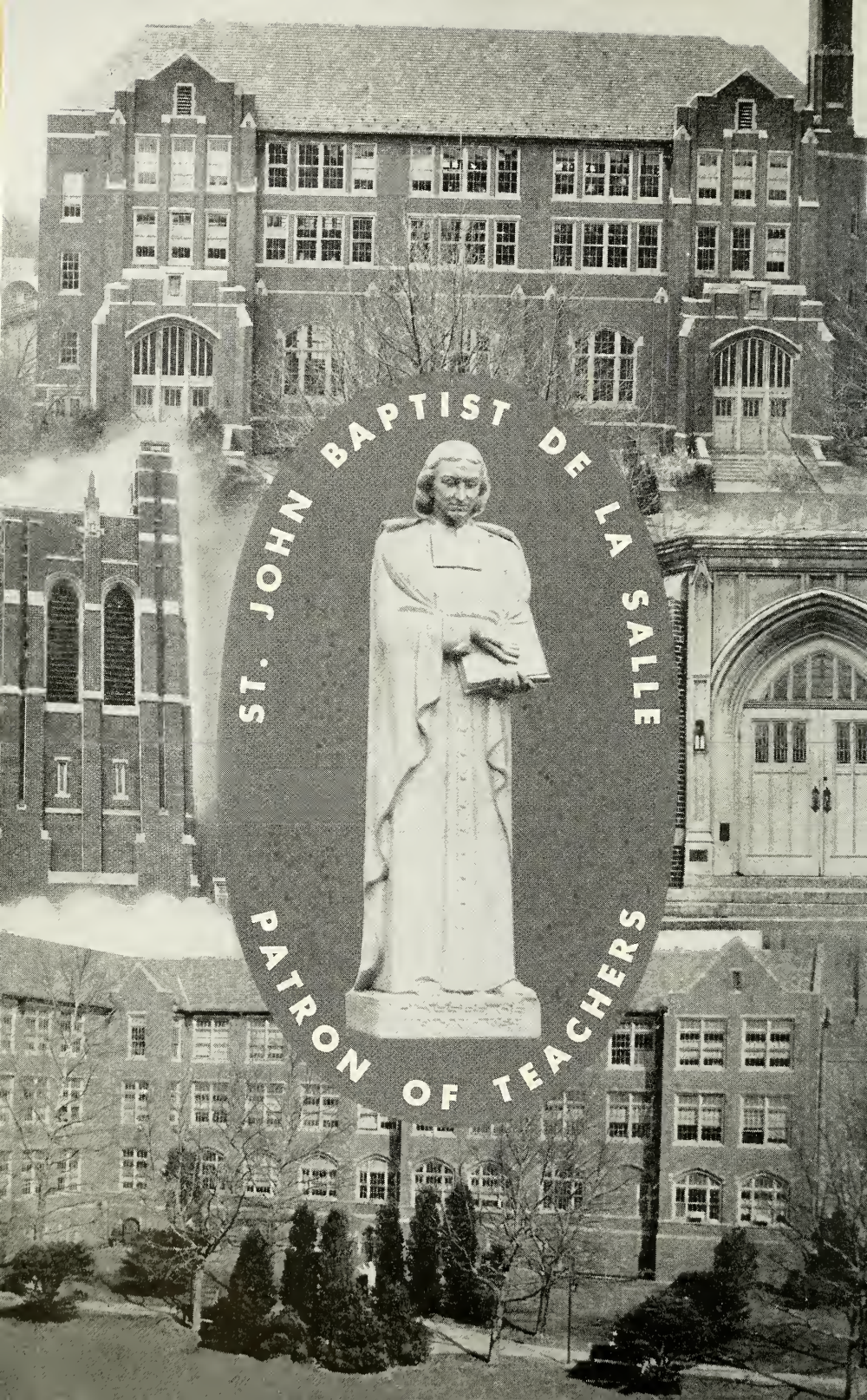


*Conducted by the Brothers
of the Christian Schools*

Volume XXXV, Number 2
1954-1955 ANNOUNCEMENT
Philadelphia 41, Pennsylvania

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ST. JOHN BAPTIST DE LA SALLE
PATRON OF TEACHERS

CALENDAR

FALL TERM 1954-55

Registration, 7:00 to 9:00 P.M.	Monday to Friday	August 23 September 3
Classes begin, 7:00 P.M.	Tuesday	September 7
Feast of All Saints—Holiday	Monday	November 1
Mid-Term Examinations	Tuesday to Monday	November 2 November 8
Thanksgiving Day—Holiday	Thursday	November 25
Christmas Recess begins, 10:05 P.M.	Monday	December 20
Christmas Recess ends, 7:00 P.M.	Monday	January 3
Classes end, 10:05 P.M.	Tuesday	January 25
Fall Term Final Examinations	Thursday to Thursday	January 27 February 3

SPRING TERM 1955

Registration, 7:00 to 9:00 P.M.	Monday to Friday	January 31 February 4
Classes begin, 7:00 P.M.	Monday	February 7
Mid-Term Examinations	Monday to Thursday	March 28 March 31
Easter Recess begins, 10:05 P.M.	Tuesday	April 5
Easter Recess ends, 7:00 P.M.	Tuesday	April 12
Founder's Day	Sunday	May 15
Feast of the Ascension—Holiday	Thursday	May 19
Memorial Day—Holiday	Monday	May 30
Classes end, 10:05 P.M.	Thursday	June 16
Spring Term Final Examinations	Monday to Monday	June 20 June 27

LA SALLE COLLEGE IN THE CITY OF PHILADELPHIA

(Corporate Title)

BOARD OF MANAGERS

BROTHER E. STANISLAUS, F.S.C., Ph.D., <i>President</i>	Philadelphia
BROTHER E. JOHN, F.S.C., M.A., D.C.S., <i>Secretary</i>	Philadelphia
BROTHER E. ANSELM, F.S.C., M.A., LL.D.	Eddington, Pa.
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WILLIAM T. CONNOR, Esq., LL.D.	Philadelphia
JOHN McSHAIN, Sc.D., LL.D.	Philadelphia

ADMINISTRATION

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BROTHER F. CHRISTOPHER, F.S.C., Ph.D.	Dean
BROTHER G. PAUL, F.S.C., Ph.D.	Dean of Evening Division
BROTHER E. JOSEPH, F.S.C., B.S. in L.S.	Librarian
BROTHER G. JOSEPH, F.S.C., M.A.	Registrar
JOSEPH J. SPRISLER, B.A., D.C.S.	Comptroller
BROTHER E. JOHN, F.S.C., M.A., D.C.S.	Bursar
BROTHER D. VINCENT, F.S.C., Ph.D.	Director of Student Personnel
MARGARET KEILY LENNON, B.A.	Assistant Registrar
CHARLES P. PERKINS, M.A.	Assistant to the Dean and Registrar of the Evening Division
REVEREND RICHARD MARK HEATH, O.P., Ph.D.	College Chaplain
BROTHER DAVID CASSIAN, F.S.C., M.A.	Director of Public Relations
JAMES J. HENRY, M.A.	Director of Athletics
REVEREND EDWARD J. CURRAN, M.A., LL.D.	College Historian
THOMAS F. McTEAR, M.D.	College Physician

ADMINISTRATION OF THE EVENING DIVISION

BROTHER G. PAUL, F.S.C., Ph.D.	DEAN
JOSEPH J. SPRISLER, D.C.S.	CONSULTANT TO THE DEAN
CHARLES P. PERKINS, M.A.	ASSISTANT TO THE DEAN AND REGISTRAR
JOHN J. ROONEY, M.A.	STUDENT GUIDANCE

FACULTY OF THE EVENING DIVISION

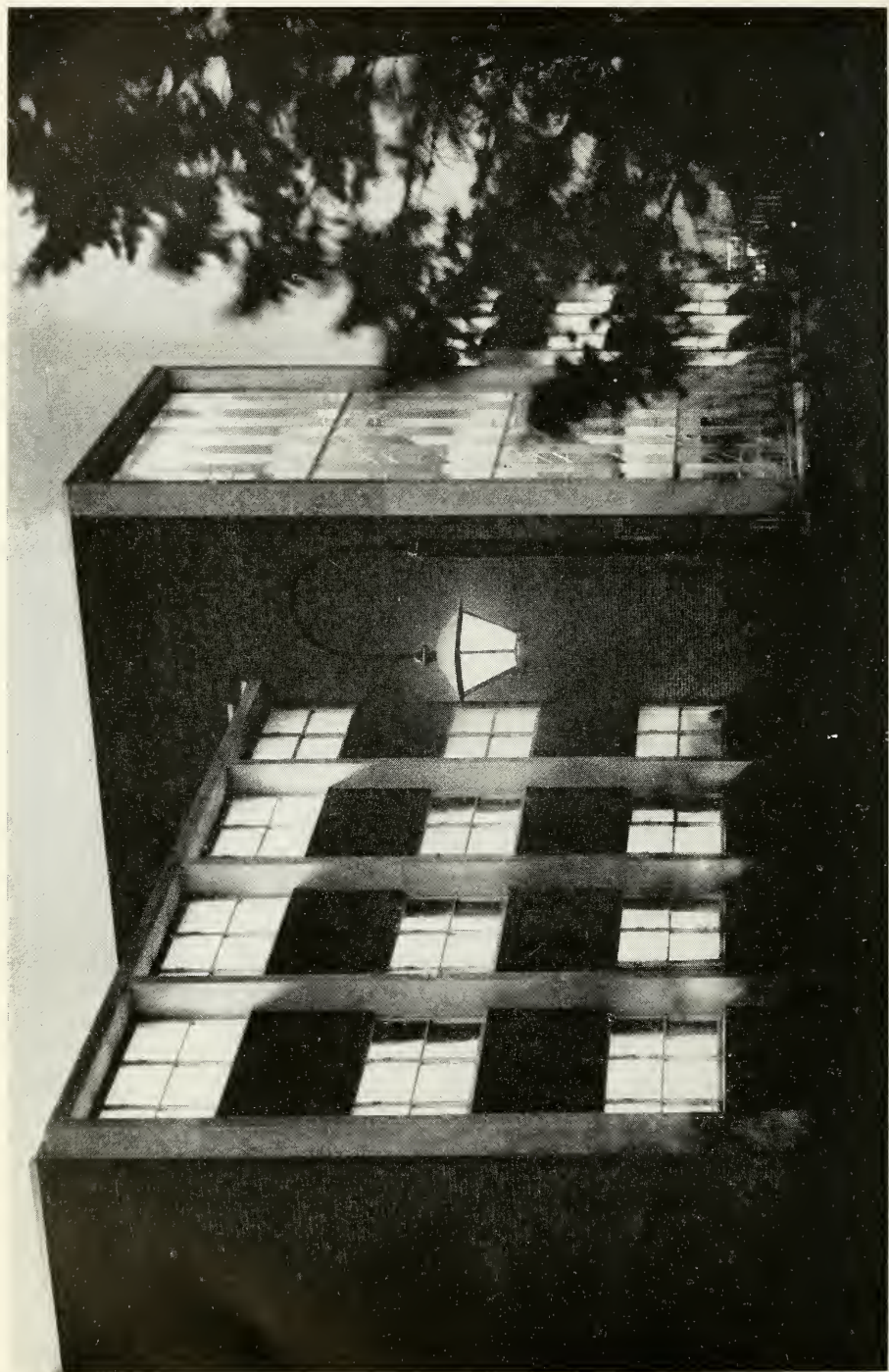
AUSTIN J. APP	ENGLISH
B.A., St. Francis Seminary	
M.A., Ph.D., Catholic University of America	
JOHN C. BANNAN	MARKETING
B.S. in Econ., University of Pennsylvania	
DONALD J. BARRETT	SOCIOLOGY
B.A., Woodstock College	
Ph.L., St. Louis University	
M.A., University of Pennsylvania	
GERHARD BARTH	PHYSICS
Ph.D., University of Innsbruck	
ARTHUR H. BENNER	PHYSICS
B.S. in E.E., University of Kansas	
M.S. in E.E., Pennsylvania State University	
Ph.D., Pennsylvania State University	
WILLIAM J. BINKOWSKI	HISTORY
B.A., La Salle College	
M.A., University of Pennsylvania	
LAWRENCE G. BOWMAN	ENGLISH
B.A., La Salle College	
VINCENT D. BRADLEY	FINANCE
B.S., Villanova University	
M.B.A., University of Pennsylvania	
MARTIN L. BURKE	BUSINESS LAW
B.S., La Salle College	
LL.B., Temple University	
JOSEPH M. CARRIO	SPANISH
B.A.S., University of Havana	
JOHN H. CHRISTIE	INSURANCE
B.S., La Salle College	
CASIMIR CIESLA	STATISTICS
Dr. Rer. Pol., University of Innsbruck	

JOHN A. CLEMENT, JR.	BUSINESS LAW
B.A., La Salle College	
LL.B., Temple University	
VINCENT A. COOKE	INDUSTRY
Graduate M.E., Drexel Institute of Technology	
ROBERT J. COURTNEY	GOVERNMENT
B.A., La Salle College	
M.A., Niagara University	
JOSEPH E. CROWLEY	INDUSTRY
B.A., La Salle College	
LL.B., Temple University	
ROBERT L. DEAN	ENGLISH
B.A., La Salle College	
MICHAEL A. DEANGELIS	ACCOUNTING
B.S., M.S., Temple University	
UGO DONINI	HISTORY
B.A., M.A., University of Pennsylvania	
JOSEPH C. ECKERT, JR.	ACCOUNTING
B.S., La Salle College	
GEORGE F. FELLMETH	INDUSTRY
Graduate I.E., Purdue University	
EUGENE J. FITZGERALD	PHILOSOPHY
B.A., La Salle College	
JOSEPH F. FLUBACHER	ECONOMICS
B.A., La Salle College	
M.A., Ed.D., Temple University	
JOSEPH F. GABRIEL	ENGLISH
B.A., Villanova University	
M.A., University of Pennsylvania	
WILLIAM F. GARRITY	ACCOUNTING
B.S., La Salle College	
M.B.A., Temple University	
HARRY J. GIBBONS	ACCOUNTING
B.S., La Salle College	
BERNARD B. GOLDNER	INDUSTRY
B.S., M.A., Ph.D., University of Pennsylvania	
JULES GOULET	SPANISH
Brevet Supérieur, Ecoles normales, Quebec	
GEORGE J. GRADEL	CHEMISTRY
B.A., La Salle College	

FRANCIS E. GREENE	INDUSTRY
Ph.B., Providence College	
LL.B., Temple University	
M.B.A., Harvard University	
JOHN A. GUISCHARD	FRENCH
B.A., La Salle College	
M.A., Villanova University	
Ph.D., Laval University	
MAX GUZIKOWSKI	PHILOSOPHY
B.A., M.A., Ph.D., Catholic University of America	
PAUL M. HAFEY	GOVERNMENT
B.A., Amherst College	
CHARLES A. J. HALPIN, JR.	INDUSTRY
B.S., La Salle College	
M.A., University of Pennsylvania	
LL.B., Temple University	
E. FRANCIS HANLON	ENGLISH
B.A., St. Joseph's College	
HOWARD L. HANNUM	ENGLISH
B.A., La Salle College	
M.A., University of Pennsylvania	
EDWARD P. HILL	ECONOMICS
B.A., La Salle College	
RICHARD T. HOAR	PHILOSOPHY
B.A., M.A., St. Bonaventure University	
ROBERT E. JENKINSON	PHYSICS
B.S., M.S., Ohio State University	
WALTER J. KAISER, C.P.A.	ACCOUNTING
B.S., La Salle College	
CHARLES V. KELLY	ENGLISH
B.A., St. Joseph's College	
M.A., University of Pennsylvania	
CLAUDE F. KOCH	ENGLISH
B.S., La Salle College	
ROBERT F. LAVELLE	BUSINESS LAW
B.A., University of Scranton	
LL.B., Georgetown University	
GEORGE L. LEINENWEBER	INDUSTRY
B.S., Indiana University	
O. FRANCIS LEVY	INSURANCE
B.A., La Salle College	
DENNIS J. MCCARTHY	HISTORY
B.A., La Salle College	
M.A., Fordham University	

THOMAS N. MCCARTHY	PSYCHOLOGY
B.A., M.A., Catholic University of America	
JOHN F. MCGLYNN	ENGLISH
B.A., M.A., University of Pennsylvania	
GEORGE L. MCKENNA	INDUSTRY
B.S., M.S., Massachusetts Institute of Technology	
JOHN F. MALLOY, JR.	PHILOSOPHY
B.S., St. Joseph's College	
M.A., University of Scranton	
JOSEPH G. MARKMANN	ACCOUNTING
B.S., La Salle College	
EDWIN E. MOORE	INDUSTRY
B.S. in E.E., Swarthmore College	
JOSEPH L. MORAN	SPANISH
B.A., La Salle College	
M.A., Middlebury College	
FRANCIS J. NATHANS	ECONOMICS
B.A., La Salle College	
E. RUSSELL NAUGHTON	PHILOSOPHY
B.A., Providence College	
M.A., Ph.D., Catholic University of America	
EDWARD J. NOLAN	MATHEMATICS
B.Ch.E., Villanova University	
M.Ch.E., University of Delaware	
THEODORE NOWAK	MARKETING
B.Ch.E., Polytechnic Institute of Brooklyn	
JOHN J. O'DONNELL, C.P.A.	ACCOUNTING
B.S., Temple University	
ROBERT W. PEARSON	MATHEMATICS
B.S., M.S., University of Pittsburgh	
NICHOLAS F. PENSIERO	INDUSTRY
B.S., La Salle College	
CHARLES P. PERKINS	ENGLISH
B.A., La Salle College	
M.A., University of Pennsylvania	
DANIEL L. QUINLAN, JR.	BUSINESS LAW
B.A., La Salle College	
LL.B., University of Pennsylvania	
JOSEPH A. RIDER	ACCOUNTING
B.S., La Salle College	
M.A., Niagara University	

AUGUSTINE J. RIEFFEL	BUSINESS LAW
B.S., La Salle College	
LL.B., Temple University	
BROTHER G. ROBERT, F.S.C.	ENGLISH
B.A., Catholic University of America	
M.A., University of Pennsylvania	
ROBERT J. ROWLAND	ENGLISH
B.S., State Teachers College, Bloomsburg	
M.A., Bucknell University	
JOHN P. RYAN	ACCOUNTING
B.S., La Salle College	
THOMAS J. RYAN, JR.	INDUSTRY
B.S., La Salle College	
M.B.A., University of Pennsylvania	
HENRY J. SCHNEIDER	CHEMISTRY
B.A., La Salle College	
M.S., Temple University	
Ph.D., University of Wisconsin	
JOHN C. SINGER	INSURANCE
B.A., St. Joseph's College	
CORNELIUS F. SULLIVAN	ECONOMICS
B.A., La Salle College	
M.A., University of Pennsylvania	
GEORGE R. SWOYER	MARKETING
B.S., La Salle College	
M.B.A., University of Pennsylvania	
PAUL K. TAYLOR	MATHEMATICS
B.S., University of Rochester	
M.S., Ph.D., Northwestern University	
ROBERT D. TEASDALE	PHYSICS
B.S. in E.E., Carnegie Institute of Technology	
M.S. in E.E., Ph.D. in E.E., Illinois Institute of Technology	
LL.B., John Marshall Law School	
ANTHONY M. WALTRICH	ENGLISH
B.A., La Salle College	
FRANK M. WETZLER	GERMAN
B.A., Villanova University	
M.A., Middlebury College	
MELVIN F. WOODS	FINANCE
B.A., St. Vincent's College	



GENERAL INFORMATION

HISTORY OF THE COLLEGE

In 1862, seventeen years after the first Christian Brothers came to the United States, an academy for boys was organized by them in Saint Michael's parish. This foundation was not the first school of the Brothers in Philadelphia, but it became the most important. During the following year, 1863, a group of prominent men, under the leadership of the Most Reverend James Frederick Wood, later Archbishop of Philadelphia, secured from the Legislature of the Commonwealth of Pennsylvania a charter of incorporation by which the Christian Brothers Academy of Saint Michael's parish became La Salle College in the City of Philadelphia.

The growth of the College from this modest origin was slow but progressive. During the latter years of the past century and the first quarter of the present, the gradual increase in enrollment obliged the College to move to larger quarters on three occasions.

A second spring began for the College in 1926, when a decision was made to purchase a ten acre site for the present campus at Olney Avenue and Twentieth Street. The original buildings on the new campus were occupied in 1929-30. Since then, the physical plant of the College has expanded to 25 acres and 10 buildings. Six of these buildings were constructed after 1946 to meet the post-war emphasis on higher education. Among these recent additions are the spacious new College Library and two modern residence halls.

The physical growth of the College is but one of the indications of its academic progress. From its beginning, La Salle College has kept pace with the demands for modern Christian education.

A significant contribution to the expansion program of the College was made in 1946 with the establishment of the Evening Division. In meeting a special need of the times, this progressive move has extended to men who are unable to attend the day session the opportunity to fulfill the requirements for the degree of Bachelor of Science in Business Administration. Five years later, in 1951, the program of the Evening Division was enlarged to include curricula in Chemistry and Electronics.

La Salle College in its origin and development is a worthy example of the educational system which the Christian Brothers have made famous for almost three centuries.

GENERAL PURPOSE OF THE COLLEGE

La Salle College is a Catholic college for men conducted by the Brothers of the Christian Schools, the largest religious institute of the Catholic Church devoted exclusively to the profession of education. In conformity with the direction of their sainted founder, John Baptist de La Salle, who has been proclaimed the Universal Patron of Teachers, the Brothers of the Christian Schools endeavor in all their professional activities to provide a sound basis of education in the principles of Christian living and a complementary foundation of instruction in the cultural, social and specialized fields of knowledge. Their educational programs are ably assisted by the services of laymen who are selected for their academic preparation, professional experience and adherence to the principles of Christian education as formulated by John Baptist de La Salle.

To fulfill the religious aims of the College, all Catholic students are required to take the prescribed courses in Religion. Non-Catholic students may take the courses in Religion or substitute special Philosophy courses. All students must pass successfully the prescribed courses in Philosophy. Beyond this formal aspect of the program of religion and philosophy, there is a larger concept which pervades every part of the curricular and extra-curricular activities of the College. It provides not only a religious orientation but also a systematic approach to knowledge that is of great value to the student in his college experience.

THE SPECIAL PURPOSE OF THE EVENING DIVISION

In addition to the general aims of the College of inculcating in the student those qualities of mind and character which are in agreement with Catholic standards of living, the special purpose of the Evening Division is to prepare men for positions of responsibility and leadership in business and industry or in the fields of the applied sciences of Chemistry and Electronics.

These special aims are accomplished by instruction in both cultural and specific courses in which a balance is established between the broader areas of knowledge and specialization. Accordingly, the program of studies provides for courses in government, history, language, literature, philosophy, religion and sociology while permitting the student to select a major field of study in business or science.

Students with the requisite high school credentials are permitted and encouraged to fulfill the requirements for the degree of Bachelor of Science in Business Administration, Chemistry or Physics. Adults who do not desire to obtain a degree may work for a Certificate of Proficiency or enroll in selected courses according to their special interests and abilities.

EVENING PROGRAM OF THE COLLEGE

ADMISSION TO THE EVENING DIVISION

La Salle College admits applicants to the Evening Division who, in the opinion of the Committee on Admissions, are qualified to profit by the educational program of the College. In determining the admission of an applicant, consideration shall be given to his past scholastic record, his present scholastic aptitude, his experience and his character recommendations.

Because most applicants are men who have not attended school for several years, some assurance of success in college studies should be given to them before admission. All applicants, therefore, who have not attended another college or university will be asked to take an aptitude test. This test is designed to measure mental ability only and not the applicant's knowledge of facts. No preparation is necessary and the applicant is advised to have no misgivings about taking the test. The dates of the aptitude test will be announced after the receipt of the application and high school credentials.

Attendance at La Salle College is a privilege and not a right. The College, therefore, reserves the right to refuse admission to any applicant or to require the withdrawal of any student when it deems his presence among the student body inimical to the ideals of the College or to the observance of its regulations.

PERIOD OF ADMISSION

Applicants will be accepted each year for the Fall and the Spring terms beginning in September and in February. A prospective student should file an application form and a transcript of his high school record or previous college record in the Office of the Dean of the Evening Division not later than one week before the first day of registration of the term for which he wishes to enroll. The forms for application and high school transcript may be obtained from the Office of the Dean of the Evening Division, La Salle College, Philadelphia 41, Pennsylvania.

CLASSIFICATION OF APPLICANTS

Male students only are admitted to the Evening Division, according to their qualifications, under the following classifications:

1. Candidates for the degree of Bachelor of Science in the fields of Business Administration, Chemistry, or Physics.
2. Candidates for the Certificate of Proficiency in certain specialized fields as noted on page 25 of this Bulletin.
3. Special, unclassified students, not candidates for a degree or certificate, who seek instruction in a specific subject.

ADMISSION REQUIREMENTS

Bachelor of Science Degree

To qualify for admission as a candidate for the degree of Bachelor of Science, the applicant must satisfy the general requirements for admission, and his scholastic record must show the completion of sixteen units of study in an accredited senior high school. Of these sixteen units, at least eight should be distributed as follows:

History	1 unit
English	4 units
Mathematics	2 units
Natural Science	1 unit

The remaining eight units must be in academic or closely related subjects. However, applicants for the Business Program may submit commercial courses such as business law and bookkeeping. Typing, hygiene and physical education are not acceptable. If an applicant has not received credit for two units in the same foreign language in high school, he must fulfill the foreign language requirement as part of his college program.

Certificate of Proficiency

Applicants who have reached their twenty-first year and who do not wish to enroll in a degree program may be admitted to the Evening Division for a certificate program provided that they have sufficient business or industrial experience and give evidence of adequate scholastic aptitude. Applicants for the certificate program who are not twenty-one years of age should be graduates of approved senior high schools.

The Certificate of Proficiency will be granted only in the following curricula: Accounting, Industrial Management, Industrial Relations, Insurance, and Marketing.

Special Students

Adults may be permitted to take any course offered by the College without reference to a degree or a certificate, provided that they can satisfy the Committee on Admissions of their qualification by experience and aptitude to follow such courses successfully. An adult student who is not interested in working toward a degree or a certificate is an unclassified or special student. Special students are not subject to course prerequisite requirements.

TRANSFER OF CLASSIFICATION

Certificate or special students may transfer to the status of degree candidacy if they meet all the requirements for admission as a degree candidate. However, the College reserves the right to accept or reject for degree credit any course taken by the candidate while a certificate or special student.

If an applicant is considering even remotely the possibility of working for a degree, he should satisfy all the requirements for admission as a degree candidate.

ADMISSION WITH ADVANCED STANDING

An applicant who has attended another college or university may be admitted with advanced standing credit according to the following conditions:

1. The college or university attended must be an accredited collegiate institution.
2. The previous college record of the applicant must indicate good academic standing. No applicant will be accepted whose transcript reads "Academic Probation" or "Academic" or "Disciplinary Dismissal."
3. Advanced standing credit will be granted only for courses which are applicable to the curriculum which the applicant plans to follow.
4. Advanced standing credit will be allowed only for courses in which quality-point grades have been received. No credit will be granted for incomplete courses, or for one term of a two-term course.

5. Advanced standing credit will be granted to veterans for courses pursued during military service provided that these courses are applicable to the student's curriculum and that they are not of a technical or vocational nature. Courses accredited by the United States Armed Forces Institute will be accepted for advanced standing.
6. The Evening Division of La Salle College reserves the right to refuse admission with advanced standing for whatever reasons it may deem proper.

ADMISSION OF VETERANS

The Veterans Administration has certified the program of the Evening Division of La Salle College for veteran benefits under Public Laws 346 and 550. Veterans are admitted under the same general conditions as non-veterans. However, certain deficiencies in the veteran's high school record may be remedied by special procedures.

Veterans who enlisted or were drafted on or after June 27, 1950, regardless of where they served, are eligible under Public Law 550 for one and one-half days of educational benefits for each day of service. The maximum time permitted under this law is 36 calendar months of full-time eligibility or an equivalent number of months of part-time eligibility. A three course program in the Evening Division constitutes three-quarter time eligibility. These veterans must be in attendance on August 20, 1954, or two years after their discharge, whichever is later, in order to avail themselves of these benefits.

Veterans who served both in World War II and since June 27, 1950 are eligible for further educational benefits under Public Law 550, provided that the total period for which full-time benefits are received does not exceed 48 calendar months.

It is the responsibility of the veteran to initiate his educational benefits by securing from and filing with the Veterans Administration Form 7-1990, "Application for Program of Education and Training." The College will assist the veteran in completing parts 15, 16 and 17 of this form. In due time after the filing of the above application, the Veterans Administration will send a certificate of eligibility to the veteran and a duplicate copy to the College, thereby authorizing his entrance into training.

ADMISSION PROCEDURE

To be admitted to the Evening Division of La Salle College, the applicant who is entering college for the first time must comply with the following procedure before he will be permitted to register.

1. Secure an Application for Admission form, complete it and return it to the Office of the Dean, Evening Division, La Salle College, Philadelphia 41, Pennsylvania.
2. Obtain a High School Transcript form and send it to the high school from which he has graduated with a request that it be completed and returned to the Office of the Dean, as directed on the form.
3. Upon the receipt of the application form and the high school transcript by the College, the applicant will be notified of the dates of the aptitude test. Read page 16 of this Bulletin for an explanation of the aptitude test.
4. The applicant will be notified of the results of the aptitude test and of any further conditions which he must satisfy before he will be granted admission to the program.
5. After the aptitude test has been completed and before registration, all applicants may be required to take an English placement test, and those who wish to follow the science program must take an achievement test in Algebra. The results of these tests have no bearing on admission but may serve to indicate the applicant's need of refresher work in English or Algebra.
6. The applicant will be notified finally of his acceptance and of the dates of registration.

Procedure for Admission with Advanced Standing

Applicants who have attended another college or university must comply with the following admission procedure:

1. Secure an Application for Admission form, complete it and return it to the Office of the Dean, Evening Division, La Salle College, Philadelphia 41, Pennsylvania.
2. Request the colleges or universities which the applicant has attended to send an official transcript of his record to the Dean of the Evening Division.

3. After the application form and the transcripts have been received, the applicant will be notified of the action of the Committee on Admissions. He will also be advised of the extent of advanced standing credit which he will be granted, and a complete roster of courses will be planned.
4. The applicant will be notified of the dates of registration.

REGISTRATION

Students shall register for each term in accordance with the registration schedule as set forth in the official calendar shown on page 5 of this Bulletin. Detailed instructions for registration and for the rostering of courses are supplied at the time of registration.

The rostering of courses shall be done under the direction of the Dean of the Evening Division and his assistants.

Registration after the scheduled time must be approved by the Office of the Dean and shall, if approved, be considered as a late registration subject to a fee. The period for late registration shall close at the end of the second week of class.

A student is officially enrolled in any course when he presents the instructor with a course card stamped with the names of the Dean and the Bursar. The Offices of the Dean and the Bursar will be open Monday through Friday evenings from 7:00 to 9:30 o'clock during the regular registration period for the processing of registration cards. It is the responsibility of the student to follow correctly the registration procedure.

ROSTER REQUIREMENTS

Students in the Evening Division are permitted to roster from one to three courses, with a maximum total of 11 credit hours, in any term. The number of courses which a student will be permitted to take will depend upon his ability, the time at his disposal for study and his program of studies.

GENERAL ROSTER PLAN

All course sections in the Evening Division program require attendance on two evenings each week. Accordingly, courses are arranged in three groups: those that meet on (1) Monday and Tuesday, (2) Monday and Thursday, and (3) Tuesday and Thursday.

There are two class periods each evening. The first period begins at 7:15 o'clock for a three credit hour course, or at 7:00 o'clock for a four credit hour course. The second period begins at 8:35 o'clock for all courses.

Each course section meets during the first class period on one evening and during the second class period on the other evening: thus a Monday-Tuesday course section which meets during the first period on Monday will meet during the second period on Tuesday.

The length of each class period is 70 or 85 minutes, depending upon whether the course is given for three or four credit hours.

According to the above plan, students who are rostered for three courses will attend class on Monday, Tuesday and Thursday evenings for a total of six class periods. Those who are rostered for two courses will attend class on either two or three evenings, according to the days on which their courses are offered, for a total of four class periods.

The College year is divided into two terms of 19-20 weeks each, exclusive of holidays and vacation periods. The dates of the Fall and Spring Terms for 1954-55 are given in the calendar on page 5 of this Bulletin.

CHANGE IN COURSE

The student is responsible for following the sequence of courses for the curriculum of his major field of study. If changes are desired, approval must be obtained from the Office of the Dean.

A change in course may not be made after the completion of the second week of class.

Any student who withdraws from a course without the permission of the Dean will receive a failure in the course.

ATTENDANCE

Students are expected to attend all sessions of the courses for which they are registered. Attendance will be counted from the first meeting of the class, regardless of the date on which the course card is presented. No absence will be officially excused. To provide for illness or unavoidable engagements, the student is permitted a certain number of absences within the limits of a given term. It should be clearly understood that absences are allowed only for cases of emer-

gency. Absences taken for other reasons may be costly. The number of absences permitted in each term is equal to twice the number of class periods per week in each course. Since each class meets two times a week, the student is permitted four absences per term for each course.

A student who is absent to excess may be dropped from the course and given a failure. More than four cumulative absences in any course shall be regarded as excessive. All unavoidable absences should be reported as such to the Office of the Dean and to each of the Instructors. At the discretion of the Instructor, students may be allowed to make up work omitted because of absence.

EXAMINATIONS

Examinations are given at any time during the course at the discretion of the Instructor, at the mid-term and at the conclusion of the term.

The last six days of each term are set apart for final examinations. La Salle College reserves the right to extend the examination time beyond this period. Where an extension is necessary, the student body shall be notified well in advance of the examination period.

Final examinations are conducted only at the times published in the examination schedule which is issued each term.

No credit will be given for any subject until the final examination has been completed successfully.

Any student who, because of unavoidable absence, is unable to take the final examination as scheduled must report the cause of his absence to the Office of the Dean and to his Instructor. No delayed final examination will be administered without the approval of both the Instructor and the Dean. Delayed final examinations are subject to a fee.

Since final examinations are administered on Monday through Friday evenings during the examination period, students should make no other engagements during the entire examination period.

GRADES

A permanent record of grade for each course is made only at the end of each term. The final course grade is determined from a consideration of attendance, recitations, examinations during the course and the final examination.

Grades are recorded in alphabetical symbols as follows: A (100-93) indicates excellent work; B (92-84) indicates good work; C (83-77) indicates satisfactory work; D (76-70) indicates a minimum passing grade; F (below 70) indicates a failure and that the course must be repeated; I indicates an incomplete grade and that certain course assignments, tests, final examination, etc., have not been performed or taken; W indicates that the student withdrew from the course before the end of the term and that he has notified the College of the reasons for his withdrawal.

SCHOLASTIC DEFICIENCIES

Condition or re-examinations are not given. To remove an incomplete grade, the student must complete the required work under the supervision of his Instructor. Incomplete grades must be removed not later than the middle of the succeeding term; otherwise, they become failures. It is the responsibility of the student to arrange for the removal of such grades.

A student whose final grade in a required course is a failure must repeat the course.

WITHDRAWAL

A student who wishes to withdraw from one or more courses must submit a written statement of the reasons for his withdrawal to the Office of the Dean. The date of filing the notice of withdrawal shall be considered, in all cases, the date of actual withdrawal. A student who withdraws from a course without notice shall be given a grade of F. A student who withdraws from the College without notice may not be readmitted.

DEGREE REQUIREMENTS

An average grade of C for all courses as determined by the quality point system is required for graduation. Quality points are determined by the following procedure. The "A" grade is given a value of three points per credit hour; "B," a value of two points per credit hour; and "C," a value of one point per credit hour. No quality points are allowed for a "D" grade. An "A" grade for a four credit hour course equals 12 quality points; a "B" grade for a

three credit hour course equals six quality points; and a "D" grade in any course equals 0 quality points.

The minimum quantitative requirements for the degree of Bachelor of Science are 129 credit hours and 129 quality points. The 129 credit hours must be distributed according to the courses which are listed in the curriculum outline of the major field of study. The requirements of all curricula include a minimum of 9 hours in Religion or special Philosophy courses, 12 hours in Philosophy, 18 hours in English, and 24 hours in required major subjects.

The course requirements for the degree of Bachelor of Science may be completed in a minimum time of six years provided that three courses are taken each term according to the curricula of the major fields of study.

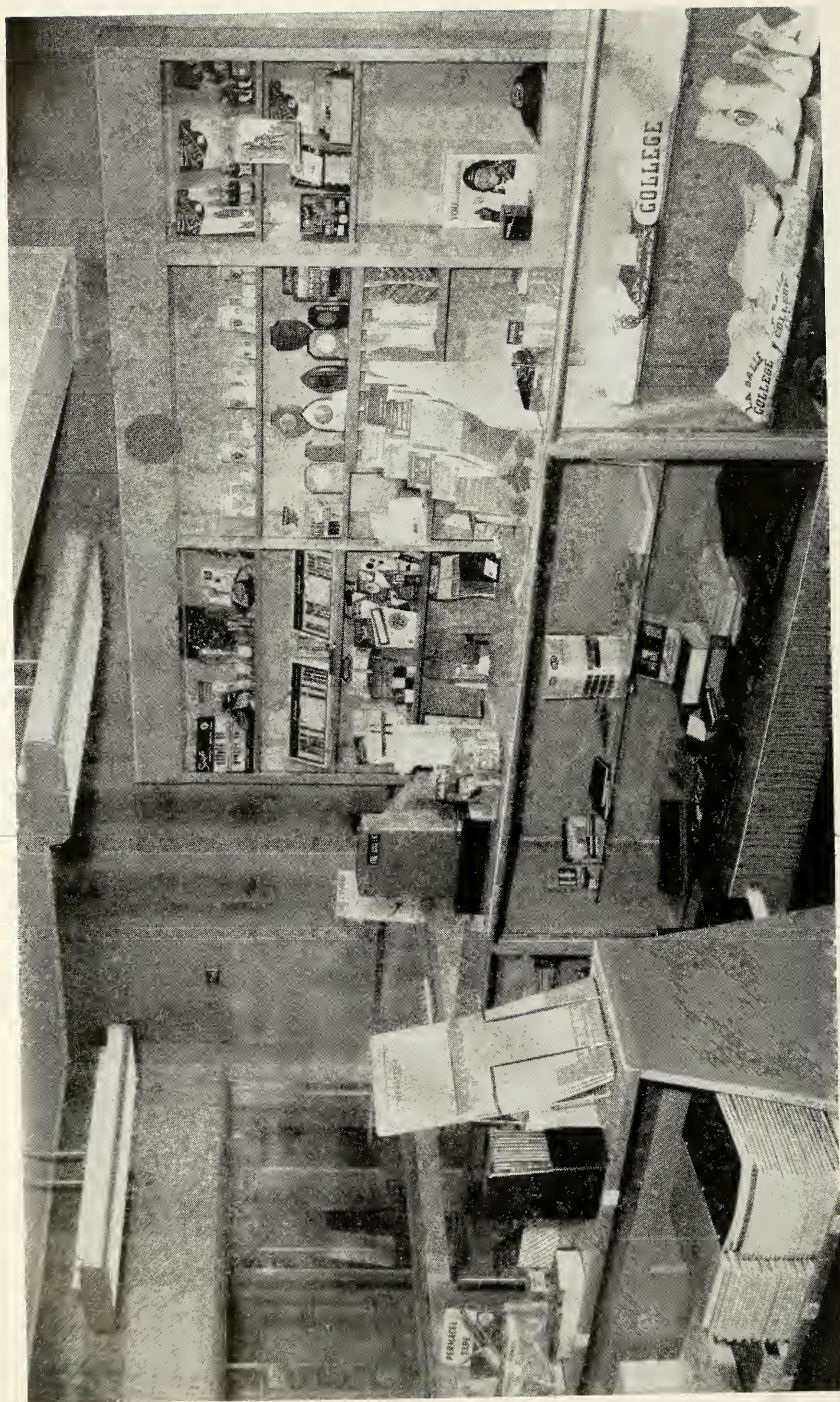
In addition to the above requirements, a candidate for the degree who entered the College with advanced standing credit must complete satisfactorily 44 consecutive credit hours of work in the Evening Division immediately preceding the date of his graduation with the further provision that at least 16 of these credit hours be in the candidate's major field.

CERTIFICATE REQUIREMENTS

The Certificate of Proficiency is granted in the following curricula only: Accounting, Industrial Management, Industrial Relations, Insurance, and Marketing.

The minimum quantitative requirements for the certificate are 60 credit hours and 60 quality points. The 60 credit hours must be distributed according to the courses which are specially marked in the curricular outlines of the major fields of study. Regardless of the major curriculum, the course requirements include 3 hours in Religion, or a special Philosophy course, 3 hours in Philosophy, 10 hours in English, and 24 hours in the required major subject.

The course requirements for the Certificate of Proficiency may be completed in from three to four years, depending upon the number of courses taken each term and adherence to the recommended roster of courses.



The Campus Store

STUDENT FACILITIES AND SERVICES

THE COLLEGE LIBRARY

The new La Salle College Library building was opened in September, 1952 and incorporates the latest principles of library architecture and planning. It houses the library formerly located in College Hall, will accommodate over 150,000 volumes, and provides study and research facilities for students and faculty. All students of the College are entitled to use the library facilities.

The Library is open on Monday, Tuesday and Thursday evenings until 9 o'clock.

THE COLLEGE GUIDANCE SERVICE

The College Guidance Service provides a wide variety of tests and other means of measuring the aptitude and interests of the students. All students are encouraged to make use of these means to resolve vocational or personal problems which may arise during their college careers.

Appointments may be made with the Student Guidance Counselor at the Guidance Center, Room 102, College Hall.

THE COLLEGE PLACEMENT SERVICE

The College maintains a placement service for the purpose of keeping the students advised of trends and opportunities in the various fields of employment and of placing them in suitable employment. The Placement Office, located in College Hall, Room 115, is open from 9 A.M. to 5 P.M., Monday through Friday.

THE CAMPUS STORE

The College maintains a Campus Store where the students may purchase books, supplies and other items of interest to college men. The store, located at the north end of Leonard Hall, is open every evening from 7 to 9 o'clock during the registration period and from 6:30 to 9 o'clock on Monday, Tuesday and Thursday evenings during the regular college term.

THE COLLEGE CAFETERIA

A student cafeteria is operated in Leonard Hall for the convenience of the students of the Evening Division. Students will be served from 5 to 7 o'clock on Monday, Tuesday and Thursday evenings during the regular college term.

ACTIVITIES AND ORGANIZATIONS

THE STUDENT CONGRESS

The Student Congress of the La Salle College Evening Division acts as the official representative of the student body in its relations with the administration and faculty of the College in matters related to extra-curricular activities and student welfare.

The Student Congress consists of the elected representatives of the various course sections, who vote on all matters brought before the Congress.

In general, its purpose is to cultivate, promote and manage all social and other affairs conducted for the benefit of the entire student body; to promote the general welfare of the students and of La Salle College; and to act as an advisory body between the students and the administration.

ACADEMIC AND SOCIAL ORGANIZATIONS

Although it is recognized that evening students are primarily concerned with their studies, La Salle College hopes that they will participate in extra-curricular activities.

A number of activities are held throughout the year in which both day and evening students participate. As students they have special opportunities to attend various social and athletic events.

Student groups, whether organized for social, academic, athletic, or religious purposes, are an integral part of a well balanced collegiate program. La Salle College recognizes this and provides opportunities for the wholesome development of social relationships that accord with the Christian ideals of the College. All organizations must be approved by the College faculty and each must include an adviser who is a member of the faculty. A satisfactory academic standing and an interest in the affairs of the organization are the general requisites for membership.

The following clubs, fraternities and societies are represented on the campus:

Adoration Society (Religious Activities)	Chymian Society (Chemistry)
Accounting Association	Doernenburg Society (German)
Alpha Epsilon Honor Society (Scholastic Achievement)	Economics Club
	El Club Hispano (Spanish)
	Gavel Society (Debate)

Glee Club	Philosophy Club
International Relations Club	Photography Club
Interracial Council	Pi Delta Phi (National French Honor Society)
La Salle Theatre	Praefectus Club (Varsity Athletic Managers)
Le Cercle Claudel (French)	Radio Club (Electronics)
Les Chevaliers De La Salle (French)	Sigma Beta Kappa (National Catholic Social Fraternity)
Marketing Association (Affiliated with the American Marketing Association)	Social Science Club
National Federation of Catholic Colleges	Society for the Advancement of Management (Industry)
Newtonian Society (Physics)	Varsity Club (Athletics)

PUBLICATIONS

The major student publications of the College are the *La Salle Collegian* and the *Explorer*. The former is the weekly newspaper, which serves as a vehicle for disseminating information to the student body. The latter is the yearbook published by the members of the graduating class to serve as a record of college life and of the outstanding events of the year.

ATHLETICS

La Salle College supports a limited program of intramural and intercollegiate athletics that is designed to meet the needs and serve the best interests of the entire student body.

RELIGIOUS ACTIVITIES

The Chapel of La Salle College provides a convenient center both for personal meditation and for group worship. Its facilities and the services of the College Chaplain are available to the student body at all times.

There is also a student organization, the *Adoration Society*, which provides an opportunity for students to show special devotion to the Blessed Sacrament by maintaining a continuous student vigil of prayer in the College Chapel during class hours.

EXPENSES

TUITION, FEES, AND OTHER CHARGES

La Salle College reserves the right to amend or add to the below listed obligations at any time and to make such changes applicable to students presently enrolled as well as to new students.

A General Fee of \$10.00 per term is charged to each student in the Evening Division for the use of the Library, subscription to student publications, athletic privileges, and examination supplies.

Each student is required to complete his course registration within the period as set forth in the calendar of this bulletin. A student who fails to do so may complete his registration only with the approval of the Dean and upon payment of a fee of five dollars.

A matriculation fee of five dollars is charged each student entering the College as a candidate for a degree or a certificate. The matriculation fee is payable once.

All students shall at the time of registering for each term pay a registration fee of five dollars.

All students are expected to take final examinations during the regular examination period. Students who fail to do so may, with the permission of the Dean, take the final examination at a later date upon paying a fee of two dollars per examination.

The late fees and other penalties as outlined above are to defray the expenses involved and to discourage indifference toward regulations.

The cost of books and other equipment, not included under fees but procured under the facilities of the College, shall be paid at the time of purchase.

Veterans who are certified by the Veterans Administration for educational benefits under Public Law 346 shall receive tuition, fees, and books as provided for by these laws.

Veterans who are certified under Public Law 550 receive payment directly from the Veterans Administration. They follow the same procedure as non-veterans in fulfilling their financial obligations to the College. Since the Veterans Administration usually does not begin to pay the veteran immediately, he should be prepared to pay for the first two or three months of college expense from his own resources.

The table given below lists the ordinary expenses. The cost of books and other incidental supplies is not included.

Tuition, per term

For all courses, except where a special fee is fixed,

per semester credit hour	\$10.00
Registration Fee (per term, all students)	5.00
General Fee (per term, all students)	10.00
Matriculation Fee (Payable once by candidates for the degree or certificate)	5.00
Special Fees:	
Science Laboratory Fee (each course)	5.00
Late Registration Fee	5.00
Late Examination Fee, per examination	2.00
Graduation Fee:	
Bachelor of Science degree	25.00
Certificate of Proficiency	10.00

Estimated Average Expenses

	<i>Each Term</i>	
	3 COURSES	2 COURSES
Tuition	\$110.00	\$ 80.00
General Fee	10.00	10.00
Registration Fee	5.00	5.00
Books and Supplies (Est.)	20.00	12.00
	\$145.00	\$107.00

FINANCIAL ARRANGEMENTS

Regulations

All tuition, fees, and other expenses are to be paid within ten (10) days after the beginning of the current term, or an arrangement must be made with the Bursar of the College within the same period for the establishment of a deferred payment plan. The Bursar of the College issues and makes all adjustments on all student bills. Tuition and fee bills are mailed to the address indicated on the student's registration card. Each student is responsible for receiving his own bill. If a tuition bill is not received within ten (10) days after registration, the student should apply at the Bursar's office for a duplicate.

Deferred Payments

Provision is made under a deferred payment plan for evening students who may have difficulty in meeting their total expenses in advance. The student is required to enter into a contract¹ whereby he agrees to pay his tuition in five (5) equal installments per term. Under this agreement, his total General Fee, Registration Fee, Matriculation Fee, and one-fifth of his total tuition expense must be paid within ten (10) days after the beginning of the current term.

A fee of \$5.00 per term is charged for servicing deferred payment accounts. This fee is payable at the time of signing the contract. If the total tuition expense is paid within sixty days of signing the agreement the deferred payment fee will be refunded.

Refunds

Students who withdraw from the College or from a part of their program of studies for a satisfactory reason before the end of the fifth week of the term may request a refund of tuition. The request for refund must be made at the time of withdrawal. The official withdrawal form must be filled out at the Office of the Dean.

Matriculation, Registration, and General Fees are not refunded. If a satisfactory reason for withdrawal is given, the charge for tuition will be revised according to the following schedule: If the period of attendance is two weeks or less, 80 per cent is refunded; between two and three weeks, 60 per cent; between three and four weeks, 40 per cent; between four and five weeks, 20 per cent. If a student attends more than five weeks, no refund is made. Students who are requested to withdraw because of disciplinary action will not be given a refund of tuition.

No student who is delinquent in the payment of tuition or other fees or against whom the College holds record of indebtedness will be given a diploma of graduation, a certificate, a transcript of record, or a term report of grades until such indebtedness is paid. A student who owes tuition or other fees at the close of a term will not receive credit for that term or be permitted to register for a succeeding term until payment is made.

¹ In all instances where a deferred payment plan is requested, the student or, if he is a minor, his parent must sign a note for the unpaid balance and the signer will be strictly responsible for making payments when due.

The privilege of dividing payments is not to be construed as an arrangement whereby a student may contract for less than a full term of work in the courses for which he registers or be relieved of any part of his tuition obligation.



Alumni Memorial

PROGRAMS OF STUDY

The Programs of Study in the Evening Division are outlined in the following section according to the general areas of Business Administration and Science and the major curricula under each of these areas. The required courses in each curriculum have been carefully selected and are considered basic for the purpose of the program.

Candidates for the Bachelor of Science degree or for the Certificate of Proficiency are required to take the courses in the sequence as outlined in the various curricula. Each student will be given a schedule of courses at the time of registration. Students are encouraged to consult with the Dean of the Evening Division or his assistants for aid in the choice of a major field, elective courses, or any academic problem which may arise.

DEGREE AND CERTIFICATE CURRICULA

BACHELOR OF SCIENCE CURRICULA

The Bachelor of Science curricula are intended for those students who are properly qualified for admission to a degree program and who desire a course of study fulfilling the requirements for a college degree. Programs of study are available in the following fields:

Business Administration

Accounting	Industrial Management
Economics	Industrial Relations
Finance	Insurance
General Business	Marketing

Science

Chemistry	Physics (Electronics)
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CERTIFICATE OF PROFICIENCY CURRICULA

The Certificate of Proficiency programs are intended for students who wish to spend not more than three or four years in the Evening Program and who desire a course of study that will assist them in their particular field of interest.

The course requirements for the certificate programs are specially marked in the curricular outlines which follow in the next section of this Bulletin.

Programs of study leading to the Certificate of Proficiency are available only in the following fields:

Business Administration

Accounting	Industrial Relations
Industrial Management	Insurance
Marketing	

BUSINESS ADMINISTRATION CURRICULA

ACCOUNTING MAJOR

FIRST YEAR

		Credits
*Eng. 1	Introductory Composition	3
*Acct. 1	Principles of Accounting	4
*B.L. 1	Law of Contracts	4
*Eng. 2	Advanced Composition	3
*Acct. 2	Application of Principles of Accounting	4
*Ind. 1	Principles of Business Organization	4

SECOND YEAR

Lang. † 1	Elements of Foreign Language—French, German or Spanish, or General Elective	4
*Acct. 4	Intermediate Accounting	4
Econ. 1	Principles of Economics—Part 1	3
Lang. † 2	Intermediate Foreign Language—French, German or Spanish, or General Elective	4
Hist. 1	United States in World Affairs—Part 1	4
Econ. 2	Principles of Economics—Part 2	3

THIRD YEAR

*Rel. ‡ 1	Ideals of Catholic Life	3
*Acct. 3	Elementary Cost Accounting	4
Fin. 1	Money and Banking	4
*Eng. 3	Oral Composition	4
*Acct. 5	Auditing	4
*Phil. 1	Logic	3

FOURTH YEAR

Rel. ‡ 2	Motives and Means of Catholic Life	3
Phil. 2	Philosophy of Nature	3
Hist. 2	United States in World Affairs—Part 2	4
*	General Electives	8
	Major Elective	4

FIFTH YEAR

Eng. 5	Survey of English Literature	4
Rel. ‡ 3	Life Problems	3
Phil. 3	Ethics	3
*	Major Electives	8
*	Related Elective	4

SIXTH YEAR

Eng. 6	Survey of American Literature	4
Soc. 4	Marriage and the Family	3
Phil. 4	Natural Theology	3
	Major Elective	4
*	Related Electives	8

* Courses required for the Certificate of Proficiency in Accounting.

† Students who present less than two units of the same foreign language on their high school transcripts must take elementary and intermediate language.

General Electives may be selected from courses in Foreign Language, Government, and Sociology.

Major Electives may be selected from additional courses in Accounting. Accounting 7, 11 and 9 are recommended for the preparation for the State Board Examination in Accountancy. Accounting 6, 12 and 13 are recommended for students specializing in the field of Industrial Accounting.

Related Electives may be selected from courses in Business Law, Finance, Industry, Insurance, and Marketing. Business Law 2, 3 and 4 are recommended for the preparation for the State Board Examination in Accountancy.

‡ Non-Catholic students are not required to take courses in Religion; instead, they may substitute special courses in Philosophy.

ECONOMICS MAJOR

FIRST YEAR

		Credits
Eng. 1	Introductory Composition	3
Acct. 1	Principles of Accounting	4
B.L. 1	Law of Contracts	4
Eng. 2	Advanced Composition	3
Acct. 2	Application of Principles of Accounting	4
Ind. 1	Principles of Business Organization	4

SECOND YEAR

Lang. † 1	Elements of Foreign Language—French, German or Spanish, or General Elective	4
Hist. 1	United States in World Affairs—Part 1	4
Econ. 1	Principles of Economics—Part 1	3
Lang. † 2	Intermediate Foreign Language—French, German or Spanish, or General Elective	4
Ins. 1	Principles of Insurance	4
Econ. 2	Principles of Economics—Part 2	3

THIRD YEAR

Rel. ‡ 1	Ideals of Catholic Life	3
Econ. 7	Economic Problems	4
Fin. 1	Money and Banking	4
Eng. 3	Oral Composition	4
Econ. 6	Labor Problems in America	4
Phil. 1	Logic	3

FOURTH YEAR

Rel. ‡ 2	Motives and Means of Catholic Life	3
Econ. 3	American Economic History	4
Phil. 2	Philosophy of Nature	3
Hist. 2	United States in World Affairs—Part 2	4
	General Electives	8

FIFTH YEAR

Eng. 5	Survey of English Literature	4
Rel. ‡ 3	Life Problems	3
Econ. 4	History of Economic Thought	4
Phil. 3	Ethics	3
Stat. 1	Business Statistics	4
Econ. 5	Contemporary Economic Systems	4

SIXTH YEAR

Eng. 6	Survey of American Literature	4
Soc. 4	Marriage and the Family	3
Phil. 4	Natural Theology	3
	Related Electives	12

† Students who present less than two units of the same foreign language on their high school transcripts must take elementary and intermediate language.

General Electives may be selected from courses in Foreign Language, Government, and Sociology.

Related Electives may be selected from courses in Finance, Insurance, Marketing, and Psychology.

‡ Non-Catholic students are not required to take courses in Religion; instead, they may substitute special courses in Philosophy.

FINANCE MAJOR

FIRST YEAR

		Credits
Eng. 1	Introductory Composition	3
Acct. 1	Principles of Accounting	4
B.L. 1	Law of Contracts	4
Eng. 2	Advanced Composition	3
Acct. 2	Application of Principles of Accounting	4
Ind. 1	Principles of Business Organization	4

SECOND YEAR

Lang.† 1	Elements of Foreign Language—French, German or Spanish, or General Elective	4
Hist. 1	United States in World Affairs—Part 1	4
Econ. 1	Principles of Economics—Part 1	3
Lang.† 2	Intermediate Foreign Language—French, German or Spanish, or General Elective	4
Ins. 1	Principles of Insurance	4
Econ. 2	Principles of Economics—Part 2	3

THIRD YEAR

Rel.‡ 1	Ideals of Catholic Life	3
Fin. 1	Money and Banking	4
Eng. 3	Oral Composition	4
Stat. 1	Business Statistics	4
Phil. 1	Logic	3
	Related Elective	4

FOURTH YEAR

Rel.‡ 2	Motives and Means of Catholic Life	3
Fin. 2	Corporation Finance	4
Phil. 2	Philosophy of Nature	3
Hist. 2	United States in World Affairs—Part 2	4
	General Electives	8

FIFTH YEAR

Eng. 5	Survey of English Literature	4
Rel.‡ 3	Life Problems	3
Fin. 3	Investment Principles	4
Phil. 3	Ethics	3
Fin. 4	Stock Markets	4
	Related Elective	4

SIXTH YEAR

Eng. 6	Survey of American Literature	4
Soc. 4	Marriage and the Family	3
Phil. 4	Natural Theology	3
	Related Electives	12

† Students who present less than two units of the same foreign language on their high school transcripts must take elementary and intermediate language.

General Electives may be selected from courses in Foreign Language, Government, and Sociology.

Related Electives may be selected from courses in Accounting, Business Law, Economics, Insurance, Marketing, and Psychology.

‡ Non-Catholic students are not required to take courses in Religion; instead, they may substitute special courses in Philosophy.

GENERAL BUSINESS MAJOR

FIRST YEAR

		Credits
Eng. 1	Introductory Composition	3
Acct. 1	Principles of Accounting	4
B.L. 1	Law of Contracts	4
Eng. 2	Advanced Composition	3
Acct. 2	Application of Principles of Accounting	4
Ind. 1	Principles of Business Organization	4

SECOND YEAR

Lang.† 1	Elements of Foreign Language—French, German or Spanish, or General Elective	4
Hist. 1	United States in World Affairs—Part 1	4
Econ. 1	Principles of Economics—Part 1	3
Lang.† 2	Intermediate Foreign Language—French, German or Spanish, or General Elective	4
Mark. 1	Principles of Marketing	4
Econ. 2	Principles of Economics—Part 2	3

THIRD YEAR

Rel.‡ 1	Ideals of Catholic Life	3
Ins. 1	Principles of Insurance	4
Fin. 1	Money and Banking	4
Eng. 3	Oral Composition	4
B.L. 2	Law of Negotiable Instruments	4
Phil. 1	Logic	3

FOURTH YEAR

Rel.‡ 2	Motives and Means of Catholic Life	3
Ind. 2	Industrial Management	4
Phil. 2	Philosophy of Nature	3
Hist. 2	United States in World Affairs—Part 2	4
	General Electives	8

FIFTH YEAR

Eng. 5	Survey of English Literature	4
Rel.‡ 3	Life Problems	3
Ind. 3	Industrial Relations and Personnel Management	4
Phil. 3	Ethics	3
Stat. 1	Business Statistics	4
B.L. 6	Law of Real Estate	4

SIXTH YEAR

Eng. 6	Survey of American Literature	4
Soc. 4	Marriage and the Family	3
Phil. 4	Natural Theology	3
	Related Electives	12

† Students who present less than two units of the same foreign language on their high school transcripts must take elementary and intermediate language.

General Electives may be selected from courses in Foreign Language, Government, and Sociology.

Related Electives may be selected from courses in Finance, Industry, Insurance, Marketing, and Psychology.

‡ Non-Catholic students are not required to take courses in Religion; instead, they may substitute special courses in Philosophy.

INDUSTRIAL MANAGEMENT MAJOR

FIRST YEAR

		Credits
*Eng. 1	Introductory Composition	3
*Acct. 1	Principles of Accounting	4
*B.L. 1	Law of Contracts	4
*Eng. 2	Advanced Composition	3
*Acct. 2	Application of Principles of Accounting	4
*Ind. 1	Principles of Business Organization	4

SECOND YEAR

Lang.† 1	Elements of Foreign Language—French, German or Spanish, or General Elective	4
Econ. 1	Principles of Economics—Part 1	3
*Ind. 2	Industrial Management	4
Lang.† 2	Intermediate Foreign Language—French, German or Spanish, or General Elective	4
Econ. 2	Principles of Economics—Part 2	3
*Ind. 4	Systematic Motion and Time Study	4

THIRD YEAR

*Rel.‡ 1	Ideals of Catholic Life	3
Hist. 1	United States in World Affairs—Part 1	4
*Ind. 5	Manufacturing Processing	4
*Eng. 3	Oral Composition	4
*Ind. 7	Production Control	4
*Phil. 1	Logic	3

FOURTH YEAR

Rel.‡ 2	Motives and Means of Catholic Life	3
Ind. 8	Blueprint Reading and Plant Layout	4
Phil. 2	Philosophy of Nature	3
Hist. 2	United States in World Affairs—Part 2	4
	General Electives	8

FIFTH YEAR

Eng. 5	Survey of English Literature	4
Rel.‡ 3	Life Problems	3
Phil. 3	Ethics	3
Stat. 1	Business Statistics	4
	Major Electives	8

SIXTH YEAR

Eng. 6	Survey of American Literature	4
Soc. 4	Marriage and the Family	3
Phil. 4	Natural Theology	3
*Ind. 9	Industrial Administration	4
*	Related Electives	8

* Courses required for the Certificate of Proficiency in Industrial Management.

† Students who present less than two units of the same foreign language on their high school transcripts must take elementary and intermediate language.

General Electives may be selected from courses in Foreign Language, Government, and Sociology.

Major Electives may be selected from Industry 3, 10, 11, and 14.

Related Electives may be selected from courses in Accounting, Insurance, Marketing, and Psychology.

‡ Non-Catholic students are not required to take courses in Religion; instead, they may substitute special courses in Philosophy.

INDUSTRIAL RELATIONS MAJOR

FIRST YEAR

		Credits
*Eng. 1	Introductory Composition	3
*Acct. 1	Principles of Accounting	4
*B.L. 1	Law of Contracts	4
*Eng. 2	Advanced Composition	3
*Acct. 2	Application of Principles of Accounting	4
*Ind. 1	Principles of Business Organization	4

SECOND YEAR

Lang. † 1	Elements of Foreign Language—French, German or Spanish, or General Elective	4
Econ. 1	Principles of Economics—Part 1	3
*Ind. 2	Industrial Management	4
Lang. † 2	Intermediate Foreign Language—French, German or Spanish, or General Elective	4
Econ. 2	Principles of Economics—Part 2	3
*Ind. 3	Industrial Relations and Personnel Management	4

THIRD YEAR

*Rel. ‡ 1	Ideals of Catholic Life	3
Hist. 1	United States in World Affairs—Part 1	4
*Eng. 3	Oral Composition	4
*Ind. 6	Labor Legislation	4
*Phil. 1	Logic	3
	Related Elective	4

FOURTH YEAR

Rel. ‡ 2	Motives and Means of Catholic Life	3
Psych. 1	Psychology of Adjustment	4
Phil. 2	Philosophy of Nature	3
*Ind. 13	Collective Bargaining	4
	General Electives	8

FIFTH YEAR

Eng. 5	Survey of English Literature	4
Rel. ‡ 3	Life Problems	3
Hist. 2	United States in World Affairs—Part 2	4
Phil. 3	Ethics	3
Econ. 6	Labor Problems in America	4
	Major Elective	4

SIXTH YEAR

Eng. 6	Survey of American Literature	4
Stat. 1	Business Statistics	4
Soc. 4	Marriage and the Family	3
Phil. 4	Natural Theology	3
*Ind. 9	Industrial Administration	4
*	Related Elective	4

* Courses required for the Certificate of Proficiency in Industrial Relations.

† Students who present less than two units of the same foreign language on their high school transcripts must take elementary and intermediate language.

General Electives may be selected from courses in Foreign Language, Government, and Sociology.

Major Electives may be selected from additional courses in Industry.

Related Electives may be selected from courses in Business Law, Insurance, Marketing, and Psychology.

‡ Non-Catholic students are not required to take courses in Religion; instead, they may substitute special courses in Philosophy.

INSURANCE MAJOR

FIRST YEAR

		Credits
*Eng. 1	Introductory Composition	3
*Acct. 1	Principles of Accounting	4
*B.L. 1	Law of Contracts	4
*Eng. 2	Advanced Composition	3
*Acct. 2	Application of Principles of Accounting	4
*Ind. 1	Principles of Business Organization	4

SECOND YEAR

Lang. † 1	Elements of Foreign Language—French, German or Spanish, or General Elective	4
*Ins. 1	Principles of Insurance	4
Econ. 1	Principles of Economics—Part 1	3
Lang. † 2	Intermediate Foreign Language—French, German or Spanish, or General Elective	4
Hist. 1	United States in World Affairs—Part 1	4
Econ. 2	Principles of Economics—Part 2	3

THIRD YEAR

*Rel. ‡ 1	Ideals of Catholic Life	3
*B.L. 2	Law of Negotiable Instruments	4
*Ins. 2	Principles of Life Insurance	4
*Eng. 3	Oral Composition	4
*Ins. 3	Fire and Marine Insurance	4
*Phil. 1	Logic	3

FOURTH YEAR

Rel. ‡ 2	Motives and Means of Catholic Life	3
*Fin. 1	Money and Banking	4
Phil. 2	Philosophy of Nature	3
Hist. 2	United States in World Affairs—Part 2	4
	General Electives	8

FIFTH YEAR

Eng. 5	Survey of English Literature	4
Rel. ‡ 3	Life Problems	3
Phil. 3	Ethics	3
*Ins. 4	Casualty Insurance	4
*B.L. 3	Law of Personal Property	4
	Related Elective	4

SIXTH YEAR

Eng. 6	Survey of American Literature	4
Stat. 1	Business Statistics	4
Soc. 4	Marriage and the Family	3
Phil. 4	Natural Theology	3
	Related Electives	8

* Courses required for the Certificate of Proficiency in Insurance.

† Students who present less than two units of the same foreign language on their high school transcripts must take elementary and intermediate language.

General Electives may be selected from courses in Foreign Language, Government, and Sociology.

Related Electives may be selected from courses in Economics, Finance, Marketing, and Psychology.

‡ Non-Catholic students are not required to take courses in Religion; instead, they may substitute special courses in Philosophy.

MARKETING MAJOR

FIRST YEAR

		Credits
*Eng. 1	Introductory Composition	3
*Acct. 1	Principles of Accounting	4
*B.L. 1	Law of Contracts	4
*Eng. 2	Advanced Composition	3
*Acct. 2	Application of Principles of Accounting	4
*Ind. 1	Principles of Business Organization	4

SECOND YEAR

Lang.† 1	Elements of Foreign Language—French, German or Spanish, or General Elective	4
Hist. 1	United States in World Affairs—Part 1	4
Econ. 1	Principles of Economics—Part 1	3
Lang.† 2	Intermediate Foreign Language—French, German or Spanish, or General Elective	4
*Mark. 1	Principles of Marketing	4
Econ. 2	Principles of Economics—Part 2	3

THIRD YEAR

*Rel.‡ 1	Ideals of Catholic Life	3
*Mark. 2	Retail Methods and Policies	4
*Fin. 1	Money and Banking	4
*Eng. 3	Oral Composition	4
*Mark. 3	Theory and Practice in Selling	4
*Phil. 1	Logic	3

FOURTH YEAR

Rel.‡ 2	Motives and Means of Catholic Life	3
Hist. 2	United States in World Affairs—Part 2	4
Phil. 2	Philosophy of Nature	3
*Mark. 5	Advertising	4
	General Electives	8

FIFTH YEAR

Eng. 5	Survey of English Literature	4
Rel.‡ 3	Life Problems	3
Psych. 1	Psychology of Adjustment	4
Phil. 3	Ethics	3
*Mark. 4	Sales Administration	4
	Related Elective	4

SIXTH YEAR

Eng. 6	Survey of American Literature	4
Stat. 1	Business Statistics	4
Soc. 4	Marriage and the Family	3
Phil. 4	Natural Theology	3
*Mark. 6	Market Research and Analysis	4
	Related Elective	4

* Courses required for the Certificate of Proficiency in Marketing.

† Students who present less than two units of the same foreign language on their high school transcripts must take elementary and intermediate language.

General Electives may be selected from courses in Foreign Language, Government, and Sociology.

Related Electives may be selected from courses in Business Law, Economics, Finance, Industry, and Psychology.

‡ Non-Catholic students are not required to take courses in Religion; instead, they may substitute special courses in Philosophy.

SCIENCE CURRICULA

CHEMISTRY MAJOR

FIRST YEAR

		Credits
Chem. 1	General Inorganic Chemistry—Part 1	4
Math. 1	College Algebra	4
Eng. 1	Introductory Composition	3
Chem. 2	General Inorganic Chemistry—Part 2	4
Math. 2	Trigonometry	4
Eng. 2	Advanced Composition	3

SECOND YEAR

Phys. 1	General Physics—Part 1	4
Econ. 1	Principles of Economics—Part 1	3
Math. 3	Analytic Geometry	4
Phys. 2	General Physics—Part 2	4
Econ. 2	Principles of Economics—Part 2	3
Math. 4	Differential Calculus	4

THIRD YEAR

Rel.‡ 1	Ideals of Catholic Life	3
Chem. 3	Organic Chemistry—Part 1	4
Math. 5	Integral Calculus	4
Eng. 3	Oral Composition	4
Chem. 4	Organic Chemistry—Part 2	4
Phil. 1	Logic	3

FOURTH YEAR

Lang.† 1	Elements of Foreign Language—French, German or Spanish, or General Elective	4
Rel.‡ 2	Motives and Means of Catholic Life	3
Chem. 5	Qualitative Analysis	4
Lang.† 2	Intermediate Foreign Language—French, German or Spanish, or General Elective	4
Phil. 2	Philosophy of Nature	3
Chem. 6	Quantitative Analysis	4

FIFTH YEAR

Eng. 5	Survey of English Literature	4
Rel.‡ 3	Life Problems	3
Chem. 7	Physical Chemistry—Part 1	4
Phil. 3	Ethics	3
Hist. 1	United States in World Affairs—Part 1	4
Chem. 8	Physical Chemistry—Part 2	4

SIXTH YEAR

Eng. 6	Survey of American Literature	4
Soc. 4	Marriage and the Family	3
Phil. 4	Natural Theology	3
Hist. 2	United States in World Affairs—Part 2	4
	Major Electives	8

† Students who present less than two units of the same foreign language on their high school transcripts must take elementary and intermediate language.

General Electives may be selected from courses in Foreign Language, Government, and Sociology.

Major Electives may be selected from courses in Chemistry and Physics.

‡ Non-Catholic students are not required to take courses in Religion; instead, they may substitute special courses in Philosophy.

PHYSICS (ELECTRONICS) MAJOR

FIRST YEAR

		<i>Credits</i>
Math. 1	College Algebra	4
Eng. 1	Introductory Composition	3
Math. 2	Trigonometry	4
Eng. 2	Advanced Composition	3
	General Electives	8

SECOND YEAR

Phys. 1	General Physics—Part 1	4
Econ. 1	Principles of Economics—Part 1	3
Math. 3	Analytic Geometry	4
Phys. 2	General Physics—Part 2	4
Econ. 2	Principles of Economics—Part 2	3
Math. 4	Differential Calculus	4

THIRD YEAR

Rel. ‡ 1	Ideals of Catholic Life	3
Phys. 4	Electricity and Magnetism	4
Math. 5	Integral Calculus	4
Eng. 3	Oral Composition	4
Phys. 5	General Principles of Electronics	4
Math. 6	Differential Equations	3

FOURTH YEAR

Lang. † 1	Elements of Foreign Language—French, German or Spanish, or General Elective	4
Phys. 6	Electronic Circuits	4
Phil. 1	Logic	3
Lang. † 2	Intermediate Foreign Language—French, German or Spanish, or General Elective	4
Rel. ‡ 2	Motives and Means of Catholic Life	3
Phys. 7	Radio Communications—Part 1	4

FIFTH YEAR

Eng. 5	Survey of English Literature	4
Phil. 2	Philosophy of Nature	3
Phys. 8	Radio Communications—Part 2	4
Phil. 3	Ethics	3
Hist. 1	United States in World Affairs—Part 1	4
Phys. 9	High Frequency	4

SIXTH YEAR

Eng. 6	Survey of American Literature	4
Rel. ‡ 3	Life Problems	3
Phil. 4	Natural Theology	3
Phys. 10	Ultra High Frequency	4
Hist. 2	United States in World Affairs—Part 2	4
	Major Elective	4

† Students who present less than two units of the same foreign language on their high school transcripts must take elementary and intermediate language.

General Electives may be selected from courses in Foreign Language, Government, and Sociology.

Major Elective may be selected from additional courses in Physics.

‡ Non-Catholic students are not required to take courses in Religion; instead, they may substitute special courses in Philosophy.



The Physics Laboratory

DESCRIPTION OF COURSES

The courses listed below will be given in accordance with the outlined program of study or when there is a minimum enrollment of 15 students.

ACCOUNTING

ACCOUNTING 1. INTRODUCTION TO PRINCIPLES OF ACCOUNTING.

4 credits

The introductory courses in accounting are designed not only to introduce the elements of the field to the future public or industrial accountant, but also to acquaint the future business managers, engineers, investors, etc., with the mechanics of accounting and to give them an insight into the principles and practices of business. In this course mechanics of debit and credit, the methods of keeping accounting records, and preparing reports will be discussed in detail.

ACCOUNTING 2. APPLICATION OF PRINCIPLES OF ACCOUNTING.

Prerequisite, Accounting 1.

4 credits

The object of this course is to expand the principles of accounting and to apply these principles to the three organizational methods of operating a business; individual proprietorship, partnership, and corporation. This course is designed for students preparing for business management as well as for those considering a professional career in accountancy. The principles introduced in the first course are given advanced treatment. Manufacturing accounts and controls, the valuation of assets, the creation of reserves and the analysis of statements are introduced.

ACCOUNTING 3. ELEMENTARY COST ACCOUNTING.

Prerequisite, Accounting 2.

4 credits

Elementary Cost Accounting is designed to acquaint the student with the principal elements of production cost. The elements of production cost include materials, labor, and overhead. In accounting for these elements certain recognized cost systems have come into general use. These include the job cost or production order system, the process cost system, and the standard cost system. The elements of production cost are the same, irrespective of which system may be used in accounting for costs. Since the fundamental principles of accounting are applied in accounting for cost, a knowledge of such principles is a prerequisite to the study of Cost Accounting.

ACCOUNTING 4. INTERMEDIATE ACCOUNTING.

Prerequisite, Accounting 2.

4 credits

Intermediate Accounting takes up the accounting cycle where the elementary courses leave off, covering fully the principles of balance sheet valua-

tion and profit determination with greater emphasis on matters of theory throughout the entire course. The effects of recent legislation are taken into consideration in the discussions of capital stock accounts, treasury stock, capital stock, stated capital, and earned surplus and capital stock. The latest accounting procedures applicable to appraisals, depreciation, and appreciation, accounting for intangibles, stock dividends, and combined statements of income and earned surplus are discussed.

ACCOUNTING 5. AUDITING.

Prerequisite, Accounting 4.

4 credits

Auditing is designed to give the student practical training in modern audit practices, emphasizing the principles and objectives sought in an audit. Emphasis is also placed upon the audit basis, the best audit standards, objective basis of reporting, the adoption of improved accounting standards, acquiring an intimate knowledge of business controls, professional ethics and legal liability.

ACCOUNTING 6. ADVANCED COST ACCOUNTING.

Prerequisites, Accounting 3 and 4.

4 credits

Advanced Cost Accounting is especially designed for students intending to enter the field of industrial accounting. The course covers the economic, industrial engineering, and managerial aspects of cost accounting with emphasis on the budget as a basis for cost control, analysis of variances, specialized cost treatments, graphic charts, capacity costs and uniform methods.

ACCOUNTING 7. ADVANCED ACCOUNTING THEORY.

Prerequisite, Accounting 4.

4 credits

Advanced General Accounting is outlined as a logical conclusion to the study of the principles of accounting with emphasis on such important specialized phases of accounting as partnership, insurance, subsidiaries, estates and trusts, foreign exchange, budgets, public utilities, stock brokerage and many others. Other features of the course are consolidated balance sheets, consolidated profit and loss, mergers, receiver's accounts, realization and liquidation, and financing.

ACCOUNTING 8. INCOME TAXES.

Prerequisite, Accounting 2.

4 credits

The primary purpose of this course is to give the student a true picture of the entire federal tax structure and to provide training in the application of the basic principles of tax problems. The course covers the following subjects: individual returns, inclusions, exclusions and capital gain or loss applicable thereto; pay-as-you-go; withholdings; partnerships; corporations; social security tax, federal estate tax and federal gift tax.

ACCOUNTING 9. ADVANCED ACCOUNTING PROBLEMS.

Prerequisite, Accounting 7.

4 credits

Advanced Accounting Problems is designed to serve both as a rigid test of accounting ability and a presentation of facts and procedures encountered

by public accountants in actual practice. The problems covered include division of federal and state taxes, reorganization adjustments, statement of investment bankers, bank reorganization, consolidated financial statements, markup, reconstruction of books, recapitalization, income tax problems, and many others.

ACCOUNTING 10. INTERNAL AUDITING.

Prerequisite, Accounting 4.

4 credits

The purpose of this course is to give students who have had the required basic courses or training in the field of accounting and industry and who desire to enter the field of internal auditing an understanding of the internal auditing theory and practice, and managerial control through internal auditing.

ACCOUNTING 11. SPECIALIZED ACCOUNTING.

Prerequisite, Accounting 7.

4 credits

Principles and practices of accounting for the financial operation of banks, building and loan associations, insurance companies, department stores, public utilities, railroads and governmental units; basic differences between accounting for these specialized organizations and for industrial and commercial enterprises; analysis of various funds, statements of operation, and financial position.

ACCOUNTING 12. METHODS AND PROCEDURES.

Prerequisite, Accounting 2.

4 credits

The course deals with the development and application of the techniques of work simplification and standardization as applied to systems, procedures, forms, work methods, and the selection and use of equipment. Such related matters as space utilization, procedure writing, and the preparation of flow charts will be included.

ACCOUNTING 13. BUDGETARY CONTROL.

Prerequisite, Accounting 6.

4 credits

The course in Budgetary Control provides a study of the principles of business planning for financial control of future operation through use of a budget system. Descriptions of budget systems actually used in business organizations are presented. These illustrations are intended to demonstrate that the coordination of business functions through detailed planning of production and sales and the establishment of effective financial controls are essential to successful management of business enterprises.

ACCOUNTING 14. COST ACCOUNTING FOR MANAGEMENT.

Prerequisite, Accounting 3.

4 credits

This course is intended for students majoring in industry. It covers the fundamentals of cost control and profit planning for management reflected in different types of cost systems in relation to various methods of production. Emphasis is given to the use of cost analysis as an instrument of managerial control.

BUSINESS LAW

BUSINESS LAW 1. LAW OF CONTRACTS.

4 credits

Law of Contracts is designed to introduce the student to the more common rules and principles governing business transactions, the rights and duties of individuals, and the legal relationship of principal and agent.

BUSINESS LAW 2. LAW OF NEGOTIABLE INSTRUMENTS.

Prerequisite, Business Law 1.

4 credits

The first half of the course deals with the application of the principles of common law and those of the Uniform Negotiable Instrument Act to the various papers used in business transactions. The second half covers the laws of principal and surety, and insurer and insured as related to the use of business papers.

BUSINESS LAW 3. LAW OF PERSONAL PROPERTY.

Prerequisite, Business Law 1.

4 credits

Law of Personal Property deals with the common and statute laws relative to the purchase, sale, transfer and bailment of personal property. The subjects covered are the legal relationship of bailor and bailee; carriers and shippers or passengers; vendor and vendee.

BUSINESS LAW 4. LAW OF BUSINESS ASSOCIATIONS.

Prerequisite, Business Law 1.

4 credits

Law of Business Associations covers the common and statute laws relative to the creation, operation and termination of partnerships, joint stock companies, business trusts, and corporations. Throughout the course, emphasis is placed upon the Uniform Partnership Act and the Incorporation Act of the State of Pennsylvania.

BUSINESS LAW 5. LAW OF BANKRUPTCY.

Prerequisite, Business Law 4.

4 credits

Law of Bankruptcy deals with the position of a person or of a business association who has been made subject to a bankrupt or bankruptcy statute. Emphasis is placed on the Federal Bankruptcy Act. Other subjects covered in this course are torts and business crimes.

BUSINESS LAW 6. LAW OF REAL ESTATE.

Prerequisite, Business Law 2.

4 credits

Although this course is designed principally for those engaged in real estate, it is also of value to all students wishing a well rounded knowledge of real estate transactions. The course covers the many statute and court processes which the real estate salesman and broker encounter in their daily work, as well as the legal steps necessary in securing a mortgage, in closing a sale, in terminating a lease, recording deeds and proving title.

CHEMISTRY

CHEMISTRY 1. GENERAL INORGANIC CHEMISTRY—PART 1.

4 credits

The general course in inorganic chemistry is divided into two parts given in consecutive terms. In this course the student is introduced to the fundamental concepts, laws and theories of inorganic chemistry. Emphasis is placed upon the quantitative aspects of the science by employing suitable experiments and calculations. Proportionate time is also devoted to the descriptive study of the elements and some of their compounds. (*Given in the Fall Term Only.*)

CHEMISTRY 2. GENERAL INORGANIC CHEMISTRY—PART 2.

4 credits

This course is a continuation of Chemistry 1. The content follows the description given above. (*Given in the Spring Term Only.*)

CHEMISTRY 3. ORGANIC CHEMISTRY—PART 1.

Prerequisites, Chemistry 1 and 2.

4 credits

The first part of the course in organic chemistry is intended to extend and apply the principles of chemistry to the study of carbon compounds including both aliphatic and aromatic derivatives. (*Given in the Fall Term Only.*)

CHEMISTRY 4. ORGANIC CHEMISTRY—PART 2.

Prerequisite, Chemistry 3.

4 credits

In the second part of organic chemistry a more detailed study of the various simple classes of compounds and their reactions is made. Proteins, carbohydrates and heterocyclic compounds are included. (*Given in the Spring Term Only.*)

CHEMISTRY 5. QUALITATIVE ANALYSIS.

Prerequisite, Chemistry 2.

4 credits

The lecture topics include a treatment of the theory and practice in systematic qualitative analysis, a study of the reactions of the metallic and acidic ions, and the solution of problems. In the laboratory, the semi-micro technique is used in analytical experiments. (*Given in the Fall Term Only.*)

CHEMISTRY 6. QUANTITATIVE ANALYSIS.

Prerequisite, Chemistry 2.

4 credits

The content of the first course in Quantitative Analysis consists of a study of the theory, the procedures, and the stoichiometric calculations of volumetric and gravimetric analysis. Experiments designed to develop analytical techniques are performed in the laboratory. (*Given in the Spring Term Only.*)

CHEMISTRY 7. PHYSICAL CHEMISTRY—PART 1.

Prerequisite, Chemistry 6.

4 credits

The contents of the first part of the course in physical chemistry include the ideal gases, the real gases, liquids, solids, elementary thermodynamics, thermochemistry, solutions, homogeneous and heterogeneous equilibria. (*Given in the Fall Term Only.*)

CHEMISTRY 8. PHYSICAL CHEMISTRY—PART 2.

Prerequisite, Chemistry 7.

4 credits

The continuation of the course in physical chemistry considers the topics of chemical kinetics, electrical conductivity, electromotive force and chemical thermodynamics. (*Given in the Spring Term Only.*)

CHEMISTRY 9. ADVANCED ANALYTICAL CHEMISTRY.

Prerequisite, Chemistry 6.

4 credits

The advanced course in chemical analysis is an extension of the elementary course in which the principles of physical chemistry are applied to the procedures of quantitative analysis. The laboratory work includes special methods of analysis, electrodeposition, conductimetric and potentiometric titrations, and colorimetric analysis.

CHEMISTRY 10. ADVANCED ORGANIC CHEMISTRY.

Prerequisite, Chemistry 4.

4 credits

This course is designed to extend the knowledge of Organic Chemistry beyond the elementary requirement. Emphasis is placed upon specific laboratory methods of organic synthesis.

ECONOMICS

ECONOMICS 1. PRINCIPLES OF ECONOMICS—PART 1.

3 credits

The Principles of Economics is an introductory course intended to acquaint the student with fundamental economic principles and processes as they appear in such phenomena as production, exchange, value, distribution, consumption and public finance.

ECONOMICS 2. PRINCIPLES OF ECONOMICS—PART 2.

Prerequisite, Economics 1.

3 credits

This course is a continuation of Economics 1. The content follows the description given above.

ECONOMICS 3. AMERICAN ECONOMIC HISTORY.

Prerequisite, Economics 2.

4 credits

The purpose of this course is to acquaint the student with the economic development of the United States from the colonial age to the present time. In general, the subjects covered are the agricultural conquest of the West, the agricultural revolution, decline of foreign commerce, formation of a laboring class, natural resources, competition and monopoly, and the machine age.

ECONOMICS 4. HISTORY OF ECONOMIC THOUGHT.

Prerequisite, Economics 2.

4 credits

A detailed study of the development of the leading economic concepts is made. The contributions of the early philosophers, the Middle Ages, the Mercantilists, the Classicists and the Neo-Classicians are considered.

ECONOMICS 5. CONTEMPORARY ECONOMIC SYSTEMS.

Prerequisite, Economics 4.

4 credits

This course is a continuation of Economics 4. The German Historical Schools, Marginal Utility School, American Economic Thought, and the Economics of J. M. Keynes are treated. These are followed by a survey of Socialism, both Utopian and Scientific, and an examination of the rise and development of the Communist and Fascist Movements. The socio-economic program of the Papal Encyclicals is also considered.

ECONOMICS 6. LABOR PROBLEMS IN AMERICA.

Prerequisite, Economics 2.

4 credits

The course considers the structure, functions and philosophy of labor unions, including insecurity, inadequate income, sub-standard workers and industrial conflict. Existing and proposed legislation and remedies are examined in detail. Emphasis is placed on the problem of unemployment. Reports, readings and class discussion.

ECONOMICS 7. ECONOMIC PROBLEMS.

Prerequisite, Economics 2.

4 credits

Current economic problems of national life are analyzed and discussed in this course. Typical problems are those of business organizations, money and banking, trusts, railroads, international trade and tariff taxation, labor problems, government ownership, and economic planning.

ENGLISH

ENGLISH 0. REMEDIAL ENGLISH.

Remedial English is a review course in grammar and composition intended for those who show by examination that they are not fully prepared for English 1. This course carries no college credit.

ENGLISH 1. INTRODUCTORY COURSE IN COMPOSITION.

3 credits

A brief historical consideration of the language followed by a thorough study of grammar is the basis of a course designed to impress upon the student the importance of language as a medium for the expression of ideas and the necessity of logical thought in the achievement of clarity and conciseness of expression. Special emphasis is placed on the development of vocabulary, on the improvement of reading habits, and particularly on self criticism as a means to aid the student in avoiding the common errors of composition.

ENGLISH 2. ADVANCED COMPOSITION.

Prerequisite, English 1.

3 credits

Advanced Composition is an intensified study of the various types of writing with original exercises in each type. The written composition emphasizes the Definition of an Abstract Term, the Exposition of a Process, the Précis, Description, the Character Sketch, Criticism, Informal Argument, and the Research Paper. In addition, selected readings are assigned for class discussion.

ENGLISH 3. ORAL COMPOSITION.

4 credits

Oral composition is a course in which the elements of speech are stressed. Special attention will be given to the composition and delivery of speeches.

ENGLISH 5. SURVEY OF ENGLISH LITERATURE.

Prerequisite, English 2.

4 credits

An intensive study of the lives and works of the influential authors in the main stream of English Literature is the purpose of this survey course. In each period—Old English, Middle Ages, Renaissance, Restoration and Eighteenth Century, Romantic, and Victorian—particular consideration is given to social background, to the development of distinct literary types and movements, and to the philosophical spirit of the age.

ENGLISH 6. SURVEY OF AMERICAN LITERATURE.

Prerequisite, English 2.

4 credits

The Survey of American Literature is a study of the principal authors and of the main trends of American thought in literature from Colonial times to the present day. Special consideration is given to historical and philosophical background, to the Continental influence on American thought, to the development of national themes, and to the rise of naturalism, romanticism, transcendentalism, and realism.

FINANCE

FINANCE 1. MONEY AND BANKING.

4 credits

Money and Banking is a survey course of the financial organization of society with stress on the qualities of sound money, the gold standard and other monetary standards. It includes the evolution of banking in the United States up to and including its culmination in the Federal Reserve System. Consideration is given to the principal types of modern financial institutions and their role in the field of business.

FINANCE 2. CORPORATION FINANCE.

Prerequisite, Finance 1.

4 credits

Corporation Finance is a study of the fundamental principles of business finance. The topics included in this course are promotion, forms of business organization, stocks, bonds, notes and underwriting methods, capitalization, surplus and dividend policies, business failures and reorganizations.

FINANCE 3. INVESTMENT PRINCIPLES.

Prerequisite, Finance 1.

4 credits

The purpose of the course Investment Principles is to enable investors to distinguish between the various types of investment securities; to teach the recognized tests of sound investments as regards safety, earning power and marketability; and how to act prudently with respect to diversification and vigilance in the investment of funds.

FINANCE 4. STOCK MARKETS.

Prerequisite, Finance 1.

4 credits

The content of the course Stock Markets includes the following topics: the benefits rendered by exchanges to the business community; the factors affecting security prices; mechanics of security exchanges and clearing house systems; types of dealers and brokers; and the methods of buying, selling and handling securities.

FINANCE 5. INTERNATIONAL MONEY MARKETS.

Prerequisite, Finance 1.

4 credits

International Money Markets is a study of the mechanisms of international banking, money markets, and foreign exchange. Topics discussed include stabilization of currencies, foreign banking systems and central banks, principal money markets and their operation.

FINANCE 6. BUDGETARY CONTROL.

4 credits

(See description under Accounting 13.)

FINANCE 7. SECURITIES ANALYSIS.

Prerequisite, Finance 2.

4 credits

The course covers the technique necessary for critical analysis and interpretation of corporate reports from the investment viewpoint. Attention is given to the analysis of financial reports of utilities, industrial concerns, and financial institutions.

FOREIGN LANGUAGE

FRENCH

FRENCH 1. ELEMENTARY FRENCH.

4 credits

The elementary course is designed to impart the basic rules governing French grammar and phonetics and to prepare the student for later mastery in reading, writing, and speaking the French language.

FRENCH 2. INTERMEDIATE FRENCH.

Prerequisite, French 1.

4 credits

The intermediate course in French is a review course of the fundamentals of grammar with readings and exercises in written composition.

FRENCH 3. SURVEY OF FRENCH LITERATURE.

Prerequisite, French 2.

4 credits

The survey course requires readings from the works of representative authors from the following literary periods: The Middle Ages, the Renaissance, the Classical Age, the Eighteenth Century, the Romantic Era, the Realistic Period, Symbolism and Contemporary Literature. Additional work in spoken French will be included in this course.

GERMAN

GERMAN 1. ELEMENTARY GERMAN.

4 credits

The elementary course is designed to impart the basic rules governing German grammar and phonetics and to prepare the student for later mastery in the reading, writing, and speaking of the language.

GERMAN 2. INTERMEDIATE GERMAN.

Prerequisite, German 1.

4 credits

This course is a review of the fundamentals of grammar with emphasis on oral reading and exercises in composition.

GERMAN 3. ADVANCED PROSE AND DRAMATIC READINGS.

Prerequisite, German 2.

4 credits

In this course the student is expected to read selected texts of Lessing, Goethe, and Schiller.

SPANISH

SPANISH 1. ELEMENTARY SPANISH.

4 credits

The elementary course is designed to impart the basic rules governing Spanish grammar and phonetics and to prepare the student for later mastery in the reading, writing, and speaking of the Spanish language.

SPANISH 2. INTERMEDIATE SPANISH.

Prerequisite, Spanish 1.

4 credits

The intermediate course in Spanish provides a review of the fundamentals of grammar with advanced readings and exercises in composition.

SPANISH 3. SURVEY OF SPANISH LITERATURE.

Prerequisite, Spanish 2.

4 credits

In this course the student is introduced to the study of Spanish literature from the Middle Ages through the Golden Age to the present time.

GOVERNMENT

GOVERNMENT 1. THE SCIENCE OF GOVERNMENT.

4 credits

The elements of political science, theories of government, papal encyclicals of the state, sovereignty in the past and at the present, nature of constitutions, intergovernmental relations, and relations with other social institutions form the plan of this course.

GOVERNMENT 2. AMERICAN FEDERAL GOVERNMENT.

4 credits

This course provides a study of the organization and functions of the Federal Government of the United States; the separation of powers; and the relations with the States.

GOVERNMENT 3. MUNICIPAL GOVERNMENT.

4 credits

The organization and functions of government at the municipal level, and trends in and types of municipal government form the content of this course.

GOVERNMENT 4. AMERICAN POLITICAL PARTIES.

4 credits

The origin and development of functioning political parties in the United States are presented for study, together with modern tendencies in party alignments.

GOVERNMENT 5. INTERNATIONAL RELATIONS AND WORLD POLITICS.

4 credits

The broad scope of this course includes an analysis of the major factors underlying international politics.

HISTORY

HISTORY 1. THE UNITED STATES IN WORLD AFFAIRS—PART 1.

4 credits

This course deals with the political, intellectual, social, economic, and religious development of the United States; and its relation and influence on world affairs from the French and Indian wars to the end of the Civil War. Emphasis is laid upon the achievement of a broad picture of the formative years of the American Nation.

HISTORY 2. THE UNITED STATES IN WORLD AFFAIRS—PART 2.

4 credits

This course deals with the political, intellectual, social, economic, and religious development of the United States; and its relation and influence on world affairs from the period of reconstruction following the Civil War to the present time. Special attention is given to newer interpretations of recent world affairs.

HISTORY 3. HISTORY OF ENGLAND.

4 credits

This course is a survey of the history of England with emphasis on the evolution of its constitutional form of government.

HISTORY 4. CONSTITUTIONAL HISTORY OF THE UNITED STATES.

4 credits

The objective of this course is to trace the origin, the development and the applications of the Constitution of the United States.

INDUSTRY

INDUSTRY 1. PRINCIPLES OF BUSINESS ORGANIZATION.

4 credits

The course in principles is designed to introduce the student to the organization of a business with proper emphasis on its relationship to economics. Care is taken to present a balanced treatment of theory and practice which is designed to implant a solid foundation and appreciation of the activities of the business world.

INDUSTRY 2. INDUSTRIAL MANAGEMENT.

Prerequisite, Industry 1.

4 credits

Practical training is provided in the more important types of problems encountered by executives at the level of the executive factory manager. The main objective is to develop the ability to analyze and solve problems in management control of production and in the formulation of production policies. Problems discussed cover such topics as plant location, plant size, choice of equipment, plant layout, raw material supply and control, quality control, planning and scheduling, cost control, and factory organization.

INDUSTRY 3. INDUSTRIAL RELATIONS AND PERSONNEL MANAGEMENT.

Prerequisite, Industry 2.

4 credits

The objective of this course is to inculcate new methods, ideas and practices applicable to personnel management. The course is designed to train students to analyze existing programs, to adapt procedures and to develop original methods which will insure a smooth-running, highly efficient personnel administration.

INDUSTRY 4. SYSTEMATIC MOTION AND TIME STUDY.

Prerequisite, Industry 2.

4 credits

A study of the modern procedures for analyzing all types of productive activities involving human labor forms the objective of this course. The topics covered are starting and analysis, operation charts, man and machine charts, micro-motion study, stop-watch time study, time study standards and product analysis.

INDUSTRY 5. MANUFACTURING PROCESSING.

Prerequisite, Industry 2.

4 credits

The purpose of this course is to enable the student to familiarize himself with the various processes, machinery and tooling for the production of consumer goods. It covers a study of the methods, equipment and tooling for producing various types of work on a production basis, including material handling equipment.

INDUSTRY 6. LABOR LEGISLATION.

Prerequisites, Business Law 1 and Industry 3.

4 credits

Federal and State Labor Laws will be of particular interest to students of business management, and especially to those interested in industrial relations, or to those engaged in labor activities. The course provides an analysis of all the important Federal and State Labor Statutes and Regulations.

INDUSTRY 7. PRODUCTION CONTROL.

Prerequisites, Industry 4, and 5.

4 credits

The course in Production Control deals with the problems which arise in connection with establishing and administering operating controls. The course includes a study of nomenclature, storeskeeping controls, development and engineering, planning procedures, and job controls.

INDUSTRY 8. BLUEPRINT READING AND PLANT LAYOUT.

Prerequisite, Industry 7.

4 credits

This course is designed to acquaint the student with the fundamental principles of basic machine tools, other machines, and processes which make possible mass production. Discussion of industrial buildings and services; plant layout as a major factor in maximum utilization of plant and equipment; important work-locating, work-holding, and tool-guiding devices essential to the manufacture of interchangeable parts and mass and quantity production; plus instruction and practice in blueprint reading are covered in this course.

INDUSTRY 9. INDUSTRIAL ADMINISTRATION.

Prerequisite, Senior Standing.

4 credits

The course in Industrial Administration is a study of the mechanics of originating, developing and coordinating company policy and procedures. Topics discussed include external influences in creating policy, integration of policy created at various levels, principles of organization, coordination and executive control, procedure classification and identification.

INDUSTRY 10. PROCUREMENT AND MATERIALS CONTROL.

Prerequisite, Industry 2.

4 credits

The purpose of this course is to acquaint the student with the principles of scientific ordering and purchasing of materials. The subjects discussed are organization of the purchasing department, ordering procedure, the purchase order, sources of supply, non-productive materials, productive materials, stores and inventories.

INDUSTRY 11. METHODS AND PROCEDURES.

Prerequisite, Accounting 2.

4 credits

(See description under Accounting 12.)

INDUSTRY 12. COMPENSATION METHODS AND JOB EVALUATION.

Prerequisites, Industry 2 and 3.

4 credits

This course is designed to acquaint the student with the principles of job evaluation, compensation methods, and the technique and installation of incentive plans.

INDUSTRY 13. COLLECTIVE BARGAINING.

Prerequisites, Industry 3 and 6.

4 credits

Collective Bargaining is the study of the external and internal factors which influence the establishment of trade agreements and the application of the provisions of the established trade agreement to day-to-day employer-

employee problems. Some of the topics covered in this course are the functions of collective bargaining; its application in day-to-day operations; its characteristic processes and procedures; and the effect of the law on negotiations and the resulting trade agreement. These topics are explored, analyzed and answered through a study of authentic cases drawn from industry. Outside reading is required.

INDUSTRY 14. PRINCIPLES OF QUALITY CONTROL.

Prerequisite, Industry 5.

4 credits

This course is designed to give the student both a broad perspective of the quality function and a practical working knowledge of the application of quality control to industry today. It covers the economics of quality control; the organization for quality; the acceptance, control, and assurance of quality; and similar aspects.

INSURANCE

INSURANCE 1. THE PRINCIPLES OF INSURANCE.

4 credits

This course provides a study of the underlying principles upon which all forms of insurance are based. Beginning with the theory of probabilities, the principles are developed as they apply to the different branches of the business. The five great divisions of insurance—life, fire, marine, casualty, and social—are presented.

INSURANCE 2. THE PRINCIPLES OF LIFE INSURANCE.

4 credits

In this course thorough consideration is given to all phases of the complex subject of life insurance. It begins with the historical development of life insurance and its place in our social economic system. This is followed by discussions on insurance carriers and an analysis of company organization. Detailed consideration is given to the basis of risk measurement and to the basic features of the life insurance contract. All major forms of life insurance are treated fully to give the student a well-rounded picture of the entire field.

INSURANCE 3. FIRE AND MARINE INSURANCE.

4 credits

This course considers in detail the fire policy contract, description of the property, endorsements and forms, schedule rating, and the various marine insurance contracts and endorsements.

INSURANCE 4. CASUALTY INSURANCE.

4 credits

The contents of the course in casualty insurance includes the following: automobile, burglary, public-liability, compensation, accident and health, steamboiler, machinery, and plate-glass insurance; and fidelity and surety-bonds insurance. Attention is paid to policy contract, rate making, experience rating, special agreements and endorsements, assignment of policies, and etc.

MARKETING

MARKETING 1. PRINCIPLES OF MARKETING.

4 credits

A consideration of the channels, functions, and policies of the retailer, wholesaler, and manufacturer; types of middlemen and their functions; and produce exchanges and other markets. Attention is also given to the consumer's point of view through emphasis on information labeling, quality standards, and tests of commodities.

MARKETING 2. RETAIL METHODS AND POLICIES.

Prerequisite, Marketing 1.

4 credits

This course is designed to enable students of marketing to understand the structure of retailing and the variety of problems associated with the operation of stores of various types; the practical methods employed in leading retail organizations and the evaluation of opportunities in the field.

MARKETING 3. THEORY AND PRACTICE IN SELLING.

Prerequisite, Marketing 1.

4 credits

This course is designed to acquaint the student with the technique of personal selling and with what he should know to succeed as a salesman—marketing and distribution, analysis of the proposition, the salesman's qualifications, and the basic psychological principles of selling.

MARKETING 4. SALES ADMINISTRATION.

Prerequisite, Marketing 1.

4 credits

The course deals with the main problems faced by sales executives in the operation and control of salesmen and the establishment of sales policies for manufacturing, wholesale, and retail organizations, including such matters as the structure of the distribution department, field sales organization, selection and training of salesmen, assignment of their tasks, and supervision of their activities.

MARKETING 5. ADVERTISING.

Prerequisite, Marketing 2.

4 credits

The course provides a scholarly and up-to-date treatment of the economic and social aspects of advertising, including the scope of advertising and the important methods and techniques of research which form the basis of any advertisement or advertising campaign; a practical treatment of copy, layout, reproduction, and media; the effectiveness of advertising, advertising departments, and the advertising agency.

MARKETING 6. MARKETING RESEARCH AND ANALYSIS.

Prerequisite, Senior Standing.

4 credits

This course deals with the use of scientific method in the solution of specific marketing problems and in the conduct of general market research studies. Topics considered include purposes achieved by market research and analysis; agencies for carrying on the work; sources of information; problems of research and analysis; methods of carrying on research and of analyzing information obtained; and the proper presentation of the results.

MATHEMATICS

MATHEMATICS 0. REMEDIAL MATHEMATICS.

The course in Remedial Mathematics is intended for those who show by examination that they need a review course in elementary and intermediate algebra before beginning College Algebra. This course carries no college credit.

MATHEMATICS 1. COLLEGE ALGEBRA.

4 credits

The earlier portion of this course treats in a more advanced manner the fundamental topics in mathematics covered by students who have had high school algebra. In this period a good portion of the time is spent on theory and the cultivation of the students' powers of concentration. More advanced topics are then presented and developed through the solution of additional theoretical and practical problems.

MATHEMATICS 2. PLANE TRIGONOMETRY.

Prerequisite, Mathematics 1.

4 credits

By a thorough training in the meaning and use of the trigonometric function the student is given a wider knowledge of the applications of mathematics to materials he uses and sees in action. Correlation of the functions as well as their uses in other fields is stressed.

MATHEMATICS 3. ANALYTIC GEOMETRY.

Prerequisite, Mathematics 2.

4 credits

The Cartesian and polar systems are used to study and reach certain conclusions which cannot be treated by the ordinary range of algebra, plane and solid geometry or trigonometry, although these subjects are applied throughout.

MATHEMATICS 4. DIFFERENTIAL CALCULUS.

Prerequisite, Mathematics 3.

4 credits

The course in differential calculus includes the study of functions; limits; derivatives and differentials; differentiation of the ordinary algebraic, exponential and trigonometric functions. Whenever possible, application to the solution of the problems in the natural sciences is made.

MATHEMATICS 5. INTEGRAL CALCULUS.

Prerequisite, Mathematics 4.

4 credits

This course is given in sequence with Mathematics 4. It emphasizes the nature of integration; elementary processes of evaluating integrals; geometric applications to area, length, volume and surface; and scientific applications to force, motion, time and temperature.

MATHEMATICS 6. DIFFERENTIAL EQUATIONS.

Prerequisite, Mathematics 5.

3 credits

In this course the student is introduced to a more extended treatment of differential equations of different orders, degrees and kinds, including those that are total, partial or simultaneous.

PHILOSOPHY

PHILOSOPHY 1. LOGIC.

3 credits

The requirements of correct thinking as applicable in all forms of speaking and writing are studied in a systematic manner. The methods of composing and recognizing logical thought are emphasized, as well as training in the detection of fallacies and errors in thought.

PHILOSOPHY 2. PHILOSOPHY OF NATURE.

Prerequisite, Philosophy 1.

3 credits

A study of the ultimate nature, origin, and end of the physical world with particular reference to man's position in the natural order.

PHILOSOPHY 3. ETHICS.

Prerequisite, Philosophy 2.

3 credits

By the use of logical thought the morality of applied rights and duties is herein analyzed. Through the development of the nature of law, both civil and natural, the practical areas of ownership, titles, contracts, wages, strikes, etc. are critically investigated. The purpose of the course is to give an integrated picture of the moral system in which industrial, family and national societies participate.

PHILOSOPHY 4. NATURAL THEOLOGY.

Prerequisite, Senior Standing.

3 credits

This course presents a philosophical approach to the problems of the existence, nature, and attributes of God; the relation of God to the universe; and, in particular, the relation of God to man.

PHILOSOPHY 5, 6, AND 7. SPECIAL PHILOSOPHY.

9 credits

These courses deal with the fundamentals which provide a basis for an outlook on life in conformity with the spiritual nature of man. They are restricted to Non-Catholic students who are not required to take courses in Religion.

PHYSICS

PHYSICS 1. GENERAL PHYSICS—PART 1.

Prerequisite, Mathematics 2.

4 credits

The general course in physics introduces the student to the fundamentals of the science. The topics considered in Part 1 in lecture and laboratory are mechanics, heat and sound. (*Given in the Fall Term Only.*)

PHYSICS 2. GENERAL PHYSICS—PART 2.

Prerequisite, Physics 1.

4 credits

This course is a continuation of Physics 1 covering the topics of light, magnetism and electricity. (*Given in the Spring Term Only.*)

PHYSICS 3. PHYSICAL OPTICS.

Prerequisites, Physics 2, and Mathematics 5. 4 credits

The course in physical optics is a fuller development of the topic of light as introduced in Physics 2. Special attention is given to the refraction, dispersion, interference, diffraction and polarization of light. Experiments are conducted with lenses, mirrors, microscopes, spectrometer, spectrograph, and interferometer.

PHYSICS 4. ELECTRICITY AND MAGNETISM.

Prerequisites, Physics 2, and Mathematics 4. 4 credits

This course gives a detailed treatment of the basic definitions and fundamental physical, geometric and mathematical concepts of electricity and magnetism. The fundamental constants are studied, and the various systems of units are compared with particular emphasis on the MKS rationalized system in accordance with the modern trend. Electricity is developed from Coulomb's law, and magnetism is developed from Ampere's law; the fusion of the two is illustrated in the analysis of circuits, employing Kirchoff's laws and Joule's law of heating. Direct current circuits containing resistance, inductance, and capacitance in various combinations are analyzed in both the steady state and transient states. Energy concepts are emphasized, and the theory of operation is discussed for meters, motors, transformers, and other electromagnetic devices. (*Given in the Fall Term Only.*)

PHYSICS 5. INTRODUCTION TO THE GENERAL PRINCIPLES OF ELECTRONICS.

Prerequisites, Physics 4, and Mathematics 5. 4 credits

This course completes the study of the fundamentals of electromagnetism, and then proceeds to build upon these fundamentals by the investigation of alternating current circuits, oscillations, and the propagation of electromagnetic energy. Particle ballistics, the motion of charged particles in electric, magnetic, and combined fields are studied in considerable detail. This theory is used to explain the principles of operation of the magnetron, the klystron, and the cathode ray tube with either electric or magnetic deflection. (*Given in the Spring Term Only.*)

PHYSICS 6. ELECTRONIC CIRCUITS.

Prerequisite, Physics 5. 4 credits

A detailed study is begun of electronic tubes, both vacuum and gaseous, and their associated circuits. Thermal emission and photoelectric emission of electrons are discussed, and the importance of space charge operation is emphasized. Rectifiers and power supplies are treated in detail. The vacuum triode is used to study tube characteristic curves and tube coefficients, and the analysis of electronic circuits is illustrated by use of the load line. Series and parallel equivalent circuits are developed for a.c. operation. The advantages of the tetrode and pentode tubes are discussed, and amplifiers are studied in detail. The characteristics of gaseous conduction are developed. (*Given in the Fall Term Only.*)

PHYSICS 7. RADIO COMMUNICATIONS—PART 1.

Prerequisite, Physics 6.

4 credits

The course content of the first part of radio communications includes elementary radio measurements; resonant and coupled circuits; detection, amplification and modulation; radio systems. (*Given in the Spring Term Only.*)

PHYSICS 8. RADIO COMMUNICATIONS—PART 2.

Prerequisite, Physics 7.

4 credits

Topics related to the first part of this course are considered. They are power oscillators and amplifiers; frequency control and stability; antenna systems, wave propagation and transmission studies; advanced measurements and theory. (*Given in the Fall Term Only.*)

PHYSICS 9. HIGH FREQUENCY.

Prerequisite, Physics 6.

4 credits

The design of this course is to acquaint the student with the theory and practice of high frequency as applied to radio, television, radar, etc. (*Given in the Spring Term Only.*)

PHYSICS 10. ULTRA HIGH FREQUENCY.

Prerequisites, Physics 3 and 9.

4 credits

This course provides the student with an up-to-date treatment of the theory and practice of radio frequency and ultra high frequency oscillators, amplifiers, transmissions and radiation systems. It also includes micro-wave and wave guide techniques. (*Given in the Spring Term Only.*)

PSYCHOLOGY

PSYCHOLOGY 1. PSYCHOLOGY OF ADJUSTMENT.

4 credits

A dynamic approach to the problems of an integrated personality, designed to assist the student in his individual and social adjustment.

PSYCHOLOGY 2. INDUSTRIAL PSYCHOLOGY.

Prerequisite, Psychology 1.

4 credits

This course is an application of psychological techniques and principles to the selection, training, and supervision of personnel; to work efficiency, employee morale, advertising, and marketing research.

RELIGION

RELIGION 1. IDEALS OF CATHOLIC LIFE.

3 credits

The course in the Ideals of Catholic Life includes a study of the following topics: love of God and neighbor, essential and practical duties to God as expressed in the Commandments and demanded by justice, and the obligations of man to fellow man in the exercise of charity.

RELIGION 2. MOTIVES AND MEANS OF CATHOLIC LIFE.

3 credits

This course deals with the motives of Catholic life which are contained in the great Catholic dogmas and with the means of Catholic life which are provided by prayer, grace, the sacraments, and the liturgy.

RELIGION 3. LIFE PROBLEMS.

3 credits

In this course, applications of the teaching of Christ and His Church are made to practical life problems. These include faith and spiritual growth; health, leisure and vocational problems; marriage, social and civic activities.

SOCIOLOGY

SOCIOLOGY 1. INTRODUCTORY SOCIOLOGY.

4 credits

Introductory Sociology is a study of the fundamental concepts in several approaches to an understanding of human relationships.

SOCIOLOGY 2. SOCIAL PROBLEMS AND AGENCIES.

4 credits

The problems of current maladjustments in urban and rural human relationships form the objectives of this course together with a study of the agencies which are designed to assist groups and the individuals concerned.

SOCIOLOGY 3. SOCIAL INSTITUTIONS.

4 credits

Social Institutions is a study of those continuing organizations which exercise control over groups. These are the family, the state, the church, private property, occupations, education, and recreation.

SOCIOLOGY 4. MARRIAGE AND THE FAMILY.

3 credits

The content of this course emphasizes those factors, based upon Christian principles, which make for successful family life.

STATISTICS

STATISTICS 1. BUSINESS STATISTICS.

4 credits

This course deals with important sources of business and economic data and with those methods of graphic presentation and statistical analysis that are more frequently used in business. The following topics are treated: collection of data; common types of error in use of numbers; tabular and graphic presentation of data; computation and application of ratios, averages and measures of variation; elementary analysis of time series, index numbers, and introduction to sampling theory.

INFORMATION

For additional information, write to:

DEAN OF THE EVENING DIVISION

LA SALLE COLLEGE

Olney Avenue at 20th Street

Philadelphia 41, Pennsylvania

